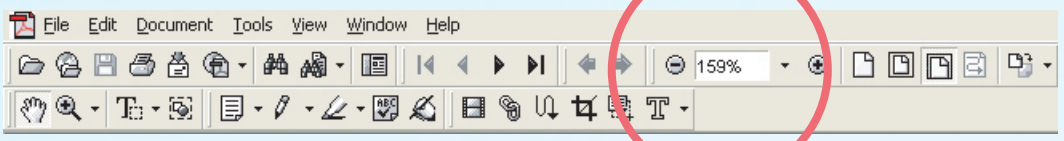
WINCHESTER AMMUNITION

3 Simple Steps To Viewing The Online Catalog

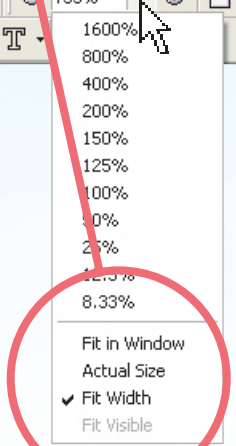
1



First, find the zoom percentage box in the toolbar at the top of the screen.

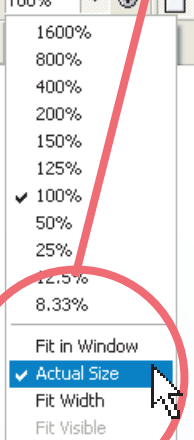
2

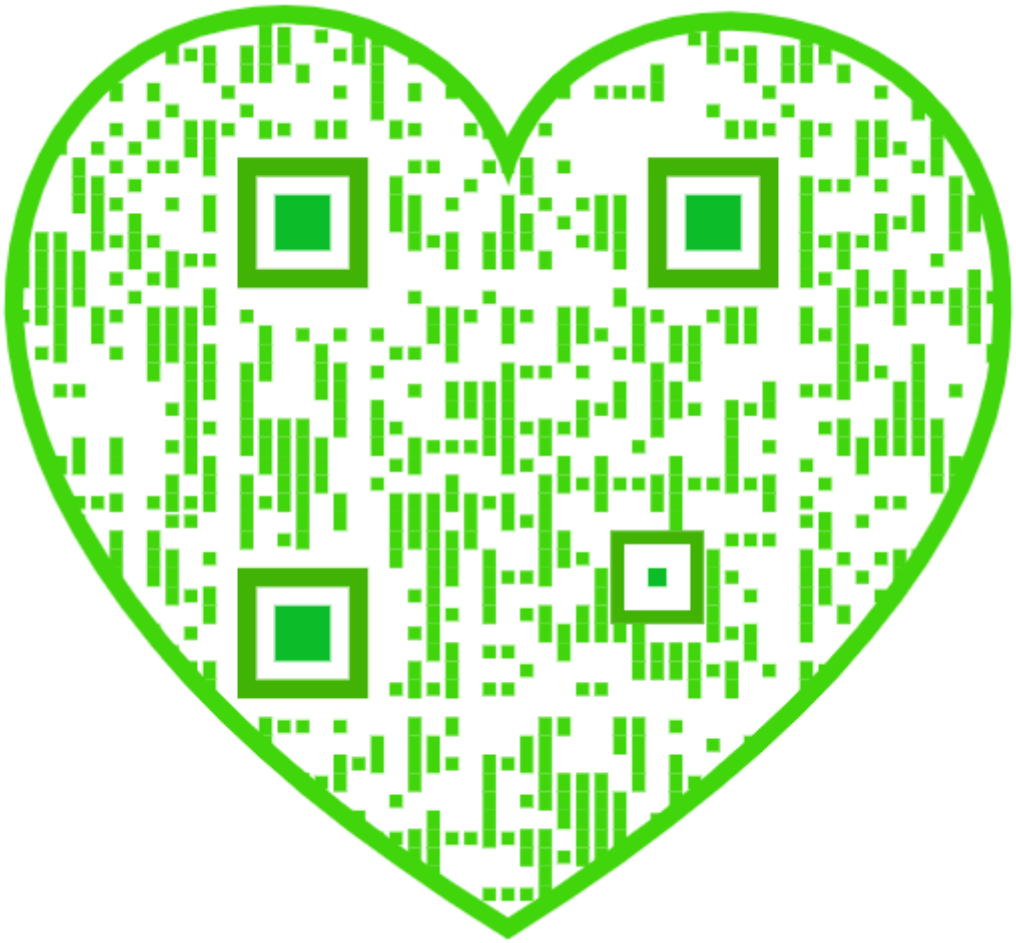
Next, click the drop tab next to the percentage. This will cause a drop menu to appear that lists the zoom percentages and four preset views. Acrobat will default to "Fit Width".



3

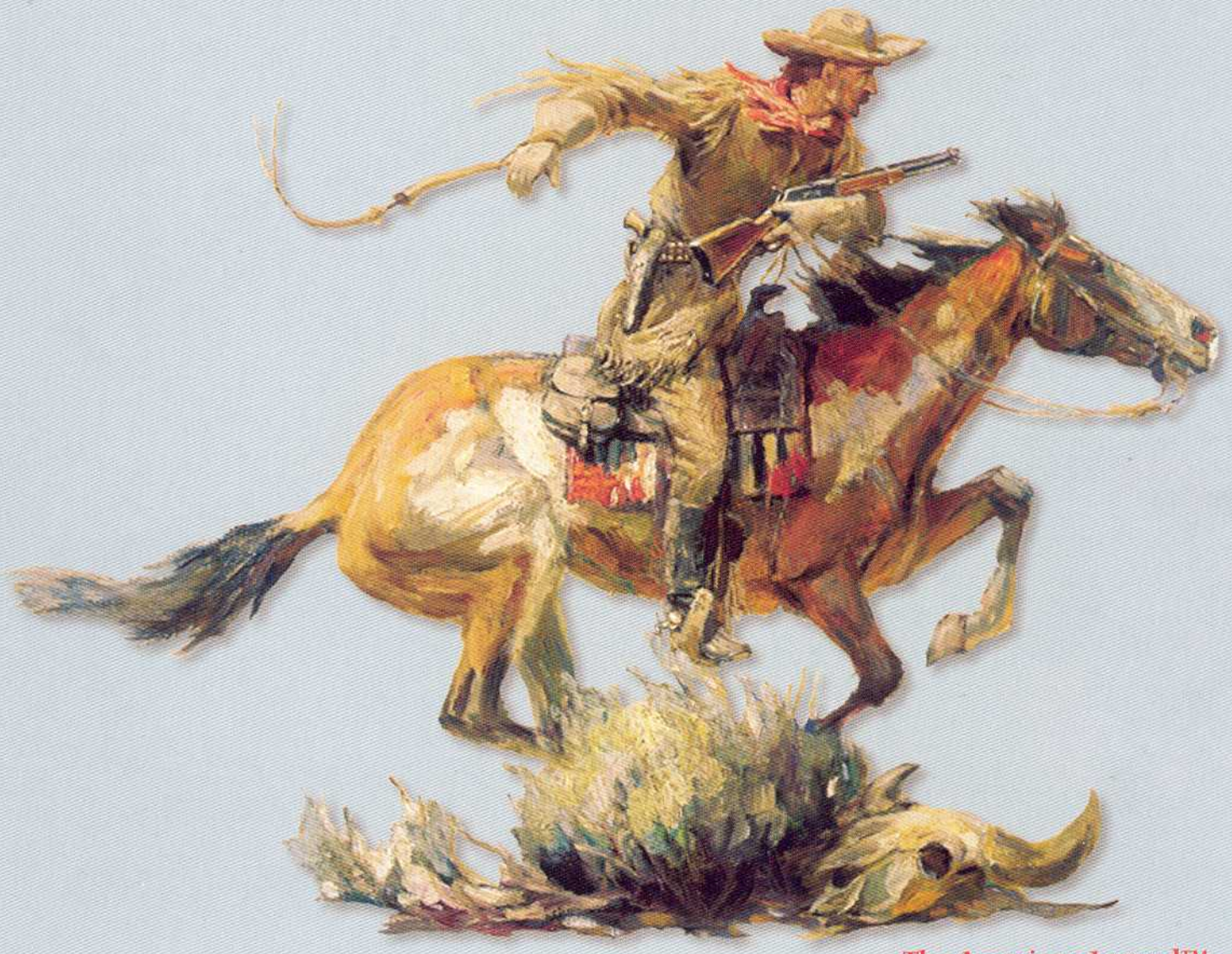
Finally, with the drop menu down, select the option "Actual Size". This will zoom the catalog out to 100% and allow you to read it at the size at which it was intended.





WINCHESTER®

AMMUNITION



The American Legend™

2005 PRODUCT GUIDE

INTRODUCING FOR 2005

325 WSM
500 Smith & Wesson
204 Ruger
Power-Point® Slug

WINCHESTER®
AMMUNITION

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New for 2005

Power-Point Slug

Winchester has always led the industry with technical innovation in new products. In 2005, Winchester is bringing high technology to the world of rifled slugs with the new **Super-X® Power-Point® Rifled Slug**–the fastest, flattest shooting, hardest hitting 12 gauge 2-3/4" rifled slug Winchester has ever made. Power-Point's ultra-high 1700 feet per second velocity, combined with a new full weight, ballistically enhanced 1-ounce slug design, will give your smoothbore shotgun a dramatic performance boost this hunting season!

Xpert Hi-Velocity

Winchester® Xpert® Hi-Velocity shotshells have taken waterfowling to new heights by offering hunters sizzling velocities up to 1550 feet per second –the highest steel shotshell velocities on the market. For 2005, this innovation is continued with three new Xpert Hi-Velocity shotshell family offerings. For high speed duck and goose bagging performance at an economical price—look to Winchester Xpert Hi-Velocity.

New for 2005

325 WSM

Big Game hunters asked for it–and we've delivered.

Introducing the new 325 WSM (Winchester Short Magnum)–a cartridge that delivers the long range knock-down performance needed for Elk, Moose and Brown Bear–all in a short action cartridge!

Like it's fellow WSM family members, the new 325 WSM is based on a short, fat cartridge geometry. This proven, "short, fat" cartridge design utilizes highly efficient propellant burn to deliver 338 Winchester Magnum performance with exceptional bench-rest accuracy–all in a compact, short action, lighter weight rifle.

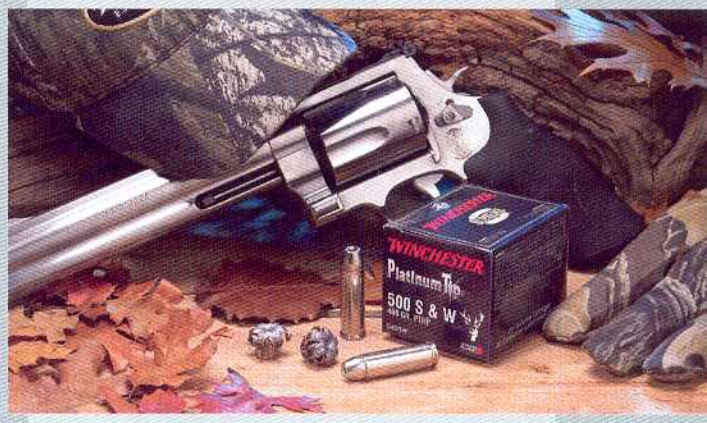
And to top off this new caliber, Winchester and Nosler have developed two new thick hide and heavy bone penetrating bullets specifically for the 325 WSM–a 220 gr. **Power-Point®** and 200 gr. **AccuBond™ CT®** bullet.

If you're looking for superior performance for your next Big Game hunt, then load up with the new Winchester® 325 WSM–an exciting new addition to the Winchester Short Magnum cartridge family.

500 Smith & Wesson

Hold on to your hand cannon! In 2005, Winchester is introducing the most powerful, commercially available handgun cartridge in the world–the 400 gr. **Platinum Tip™** Hollow Point 500 S&W. As the first major ammunition manufacturer to develop a 500 S&W offering, Winchester wanted to produce a deep penetrating, large game capable cartridge without equal. Featuring Winchester's patented, reverse-taper bullet jacket with plated, heavy wall construction and two-part hollow point cavity, the 500 S&W Platinum Tip bullet delivers highly uniform upset and massive on target energy performance.

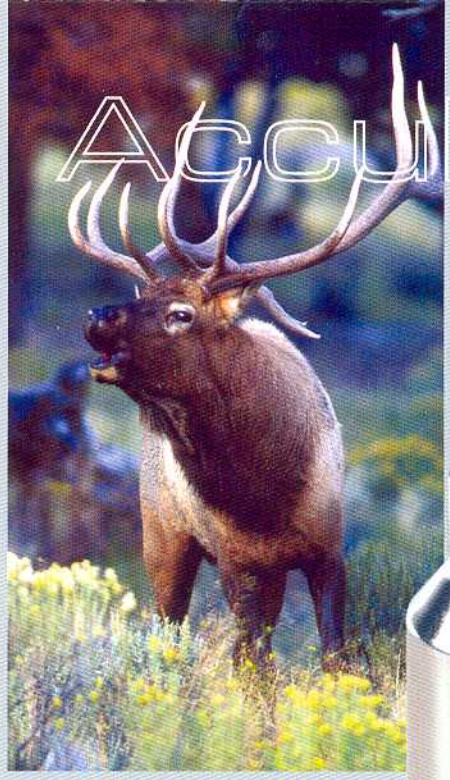
Take your handgun hunt to a higher level next season, load up with the New Winchester® 500 S&W Platinum Tip hollow point cartridge.



204 Ruger

Due to the popularity of the 204 Ruger caliber cartridges among small game and varmint hunters, Winchester is introducing a high performance option for the high volume shooter. Featuring a specially designed 34 gr. jacketed hollow point bullet, this 204 Ruger cartridge delivers the accuracy varmint hunters demand–with the rapid energy deposit and bullet fragmentation only Winchester can deliver.

If you shoot the 204 Ruger–look to Winchester for high performance ammunition at a great price.



AccuBond CT

AccuBond CT

The AccuBond™ CT® gives you everything you've ever wanted in a bonded core bullet. Like the highly successful Ballistic Silvertip® bullet, AccuBond CT is the result of a collaboration between Winchester and Nosler engineers to develop a cartridge that delivers long-range pinpoint accuracy, deep penetration and maximum bullet weight retention—all in a bonded bullet.

This significant innovation is due to an entirely new core bonding process developed by Nosler for a specially designed jacketed boattail bullet. To this, Winchester added corrosion resistant, smooth feeding nickel-plated shellcases, high energy propellants, an air-slicing red polymer tip and its proprietary Lubalox® bullet coating, which reduces barrel fouling resulting in enhanced accuracy.

The AccuBond CT. It's Winchester's first bonded product, and the first one good enough to bear the Winchester® name.

- ☐ Fully bonded lead alloy core
- ☐ High weight retention
- ☐ Pinpoint accuracy
- ☐ Boattail design
- ☐ Lubalox coating/Red polymer tip

	Cartridge	CXP #	Bullet Wt.
NEW	25-06 Remington	2	110 gr.
NEW	25 WSSM	2	110 gr.
	270 Winchester	2	140 gr.
	270 WSM	3	140 gr.
NEW	7mm Remington Mag	2	140 gr.
	7mm Remington Mag	3	160 gr.
NEW	7mm WSM	2	140 gr.
	7mm WSM	3	160 gr.
	30-06 Springfield	3	180 gr.
	300 Winchester Mag	3	180 gr.
	300 WSM	3	180 gr.
NEW	325 WSM	3	200 gr.
	338 Winchester Mag	3	225 gr.

SUPREME®

Fail Safe

Fail Safe

When the time comes to take that once in a lifetime shot—make a clean break from traditional big game rifle ammunition performance. Load up with **Supreme® Fail Safe®**–a cartridge so advanced that its design was awarded 6 patents.

The Fail Safe bullet features a notched, hollow point cavity, combined with a rear lead core encased by specially designed, patented steel inserts. This innovative configuration delivers unique bullet expansion and controlled upset performance–with virtual 100% weight retention and deep penetration through the toughest skin and heavy bone.

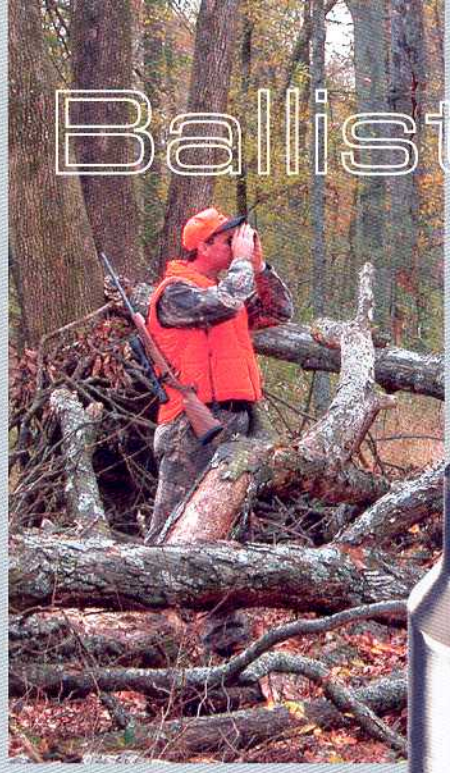
Add corrosion resistant, nickel-plated cases for smooth feeding and positive chambering and Winchester's Lubalox® coating to increase accuracy by reducing barrel fouling–and you have the ultimate in big game cartridge performance.

- ☐ Maximum penetration
- ☐ Near 100% weight retention
- ☐ Hollow point design
- ☐ Patented steel inserts
- ☐ Lubalox coated

Cartridge	CXP #	Bullet Wt.
270 Winchester	2	140 gr.
270 WSM	3	140 gr.
280 Remington	2	140 gr.
7mm-08 Remington	2	140 gr.
7mm STW	3	160 gr.
7mm WSM	3	160 gr.
7mm Remington Mag	2	140 gr.
7mm Remington Mag	3	160 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	165 gr.
30-06 Springfield	3	180 gr.

	Cartridge	CXP #	Bullet Wt.
NEW	300 WSM	3	165 gr.
	300 WSM	3	180 gr.
	300 Winchester Mag	2	150 gr.
	300 Winchester Mag	3	165 gr.
	300 Winchester Mag	3	180 gr.
	300 H & H Mag	3	180 gr.
	308 Winchester	2	150 gr.
	338 Winchester Mag	3	230 gr.
	375 H & H Mag	4	270 gr.
	375 H & H Mag	4	300 gr.

Ballistic Silvertip



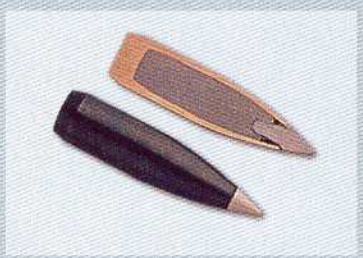
Ballistic Silvertip

Faced with varmints, thin-skinned or heavy game at long ranges, **Ballistic Silvertip®** centerfire rifle ammunition is the choice of dedicated hunters. This pinpoint accurate ammunition combines the proven Nosler® Ballistic Tip® with Winchester's Lubalox® coating for the ultimate in extreme range and game stopping performance.

The exclusive silver polycarbonate tip is integrated into the bullet during the forming process for uniform shape. In varmint calibers, the jacket contains a pure lead core to promote instantaneous fragmentation. Big game calibers feature tapered jacket contours and harder lead cores for controlled bullet expansion. All calibers are constructed with long range accuracy and flat trajectory foremost in mind.

Winchester® Ballistic Silvertip ammunition is the round to shoot when you demand unparalleled accuracy and dramatic, game-specific performance.

- ☐ Rapid energy deposit
- ☐ Pinpoint accuracy
- ☐ Boattail design
- ☐ Lubalox coating/silver polymer tip

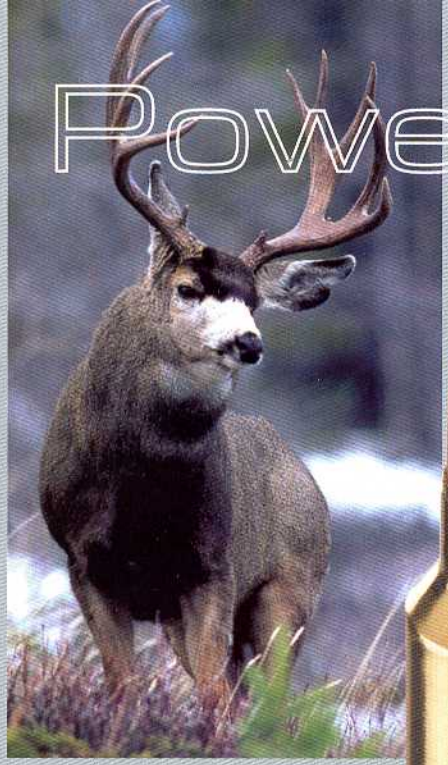


Cartridge	CXP #	Bullet Wt.
220 Swift	1	40 gr.
22-250 Remington	1	40 gr.
22-250 Remington	1	50 gr.
22-250 Remington	1	55 gr.
222 Remington	1	40 gr.
223 Remington	1	40 gr.
223 Remington	1	50 gr.
223 Remington	1	55 gr.
223 WSSM	1	55 gr.
243 Winchester	1	55 gr.
243 Winchester	2	95 gr.
243 WSSM	1	55 gr.
243 WSSM	2	95 gr.
25-06 Remington	1	85 gr.
25-06 Remington	2	115 gr.
25 WSSM	1	85 gr.
25 WSSM	2	115 gr.
270 Winchester	2	130 gr.

Cartridge	CXP #	Bullet Wt.
270 WSM	2	130 gr.
270 WSM	2	150 gr.
280 Remington	2	140 gr.
7mm-08 Remington	2	140 gr.
7mm STW	2	140 gr.
7mm WSM	2	140 gr.
7mm Remington Mag	2	140 gr.
7mm Remington Mag	2	150 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	2	168 gr.
30-06 Springfield	2	180 gr.
300 WSM	2	150 gr.
300 WSM	3	180 gr.
300 Winchester Mag	3	180 gr.
308 Winchester	2	150 gr.
308 Winchester	2	168 gr.
NEW 325 WSM	3	180 gr.
338 Winchester Mag	3	200 gr.

SUPREME®

Power-Point



Power-Point

Power-Point® bullets were introduced more than 40 years ago. Since then, more hunters have filled their tags with this bullet than with any other in Winchester's history. In fact, Power-Point is available in more calibers and offerings than any other Winchester® centerfire rifle cartridge. And thanks to the amazing simplicity of an exposed soft lead tip and specially notched jacket bullet design, Power-Point will be delivering game-stopping performance for generations to come.

This season, become part of Winchester history—load up with Power-Point.

- ☐ Massive initial shock & knock down power
- ☐ Traditional lead mushrooming
- ☐ Notched jacket/Soft point design

	Cartridge	CXP #	Bullet Wt.
NEW	22-250 Remington	2	64 gr.
	223 Remington	2	64 gr.
	223 WSSM	2	64 gr.
	6mm Remington	2	100 gr.
	243 Winchester	2	100 gr.
	243 WSSM	2	100 gr.
	257 Roberts + P	2	117 gr.
	264 Winchester Mag	2	140 gr.
	270 Winchester	2	130 gr.
	270 Winchester	2	150 gr.
	270 WSM	2	150 gr.
	284 Winchester	3	150 gr.
	7mm-08 Remington	2	140 gr.
	7mm Mauser (7x57)	2	145 gr.
	7mm STW	2	150 gr.
	7mm WSM	2	150 gr.
	7mm Remington Mag	2	150 gr.
	7mm Remington Mag	3	175 gr.
	30-30 Winchester	2	150 gr.
	30-30 Winchester	2	170 gr.

	Cartridge	CXP #	Bullet Wt.
	30-06 Springfield	2	150 gr.
	30-06 Springfield	2	180 gr.
	30-40 Krag	2	180 gr.
NEW	300 WSM	2	150 gr.
	300 WSM	3	180 gr.
	300 Winchester Mag	2	150 gr.
	300 Winchester Mag	3	180 gr.
	300 Savage	2	150 gr.
	303 British	3	180 gr.
	307 Winchester	2	180 gr.
	308 Winchester	2	150 gr.
	308 Winchester	2	180 gr.
	32 Winchester Special	2	170 gr.
	8mm Mauser	2	170 gr.
NEW	325 WSM	3	220 gr.
	338 Winchester Mag	3	200 gr.
	35 Remington	2	200 gr.
	356 Winchester	2	200 gr.
	375 Winchester	2	200 gr.

Partition Gold & Power-Point Plus

Partition Gold

When the situation demands maximum bullet performance regardless of range, hunters can turn to **Supreme® Partition Gold®** rifle ammunition –featuring a proven partition design with the Winchester® Moly-coating and patented steel insert technology to deliver dramatic bullet expansion, deep penetration and massive energy deposit.

Power-Point Plus

Power-Point Plus® high velocity rifle ammunition takes a great bullet design–and makes it better with the addition of Winchester's Moly-coating technology for superior ballistic performance and higher velocities. The unique, exposed soft lead-alloy nose with a strategically notched metal jacket mouth improves bullet upset and ensures uniform, rapid expansion for massive, on-target energy release.

Partition Gold

Cartridge	CXP #	Bullet Wt.
270 Winchester	2	150 gr.
7mm Remington Mag	3	160 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	180 gr.
300 Winchester Mag	3	180 gr.
308 Winchester	2	150 gr.
338 Winchester Mag	3	250 gr.
45-70 Government*	3	300 gr.

* No Moly-coating

- ☐ Deep penetrating partition design
- ☐ Patented steel inserts
- ☐ Soft point
- ☐ Moly-coated

Power-Point Plus

Cartridge	CXP #	Bullet Wt.
223 Remington	2	64 gr.
243 Winchester	2	100 gr.
270 Winchester	2	130 gr.
270 Winchester	2	150 gr.
7mm-08 Remington	2	140 gr.
7mm Remington Mag	2	150 gr.
30-30 Winchester	2	150 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	2	180 gr.
300 Winchester Mag	3	180 gr.
308 Winchester	2	150 gr.

- ☐ High velocity
- ☐ Tremendous knock down power
- ☐ Notched jacket/Soft point design
- ☐ Moly-coated

Positive Expanding Point

Exclusive to the 25-06 Remington and the 25 WSSM loads, these bullets are specifically designed for extreme accuracy and maximum impact on varmints and medium-sized game.

Cartridge	CXP #	Bullet Wt.
25-06 Remington	1	90 gr.
25-06 Remington	2	120 gr.
25 WSSM	2	120 gr.

Silvertip®

Specially alloyed aluminum nose cap protects the lead core and allows for deep penetration delivering controlled expansion.

Cartridge	CXP #	Bullet Wt.
250 Savage	2	100 gr.
270 Winchester	2	130 gr.
30-30 Winchester	2	150 gr.
30-30 Winchester	2	170 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	180 gr.
308 Winchester	3	180 gr.
348 Winchester	3	200 gr.
358 Winchester	3	200 gr.

Pointed Soft Point

Pointed bullet design retains velocity over long ranges. Soft nose initiates rapid bullet expansion. Jacket and core toughness vary according to caliber and weight of bullet.

Cartridge	CXP #	Bullet Wt.
220 Swift	1	50 gr.
25-250 Remington	1	55 gr.
222 Remington	1	50 gr.
223 Remington	1	55 gr.
223 WSSM	1	55 gr.
225 Winchester	1	55 gr.
243 Winchester	1	80 gr.
30-06 Springfield	1	125 gr.
30-06 Springfield	2	165 gr.

Soft Point

Soft point bullets are designed for rapid, controlled expansion and maximum impact.

Cartridge	CXP #	Bullet Wt.
22 Hornet	1	45 gr.
25-20 Winchester	1	86 gr.
25-35 Winchester	2	117 gr.
6.5 x 55 Swedish	2	140 gr.
7.62 x 39mm	2	123 gr.
38-40 Winchester	2	180 gr.
38-55 Winchester	2	255 gr.
44-40 Winchester	2	200 gr.
458 Winchester Mag	3	510 gr.

22 Hornet

Standard HP

Hollow Point

Standard Hollow Point features a weight rearward design enhancing bullet accuracy. The Supreme® 22 Hornet features ultra-high velocity, pinpoint accuracy and explosive fragmentation.

Cartridge	CXP #	Bullet Wt.
NEW 204 Ruger	1	34 gr.
22 Hornet	1	34 gr.
218 Bee	1	46 gr.
22-250 Remington	1	45 gr.
223 Remington	1	45 gr.
223 Remington	1	53 gr.
30-30 Winchester	2	150 gr.
45-70 Government	2	300 gr.

SUPREME® SUPER X® MADE IN USA®

Supreme® Centerfire Rifle Ballistics

Cartridge	Symbol	Bullet Wt. Grs.	Bullet Type	Game Selector Guide	CXP Guide No.	Barrel Length (In.)	Velocity in Feet Per Second (fps)						Energy in Foot Pounds (ft-lbs.)						Trajectory, Short Range Yards						Trajectory, Long Range Yards						
							Muzzle	100	200	300	400	500	Muzzle	100	200	300	400	500	50	100	150	200	250	300	100	150	200	250	300	400	500
22 Hornet	S22H1	34	Jacketed Hollow Point	V	1	24	3050	2132	1415	1017	852	741	700	343	151	78	55	41	-0.1	0	-1.9	-6.6	-15.5	-29.9	1.2	0	-4.1	-12.4	-26.2	-74.1	-155.6
220 Swift	SBST220	40	Ballistic Silvertip®	V	1	24	4050	3518	3048	2624	2238	1885	1457	1099	825	611	445	316	-0.4	0	-0.3	-1.3	-3.3	-6.4	0.7	0.7	0	-1.7	-4.4	-13.9	-30.4
22-250 Remington	SBST22250A	40	Ballistic Silvertip	V	1	24	4150	3591	3099	2658	2257	1893	1530	1146	853	628	453	318	-0.5	0	-0.2	-1.2	-3.1	-6.1	0.6	0.7	0	-1.6	-4.2	-13.4	-29.5
22-250 Remington	SBST22250	50	Ballistic Silvertip	V	1	24	3810	3341	2919	2536	2182	1859	1611	1239	946	714	529	384	-0.4	0	-0.4	-1.6	-3.9	-7.3	0.8	0.9	0	-1.9	-4.9	-15.2	-32.9
22-250 Remington	SBST22250B	55	Ballistic Silvertip	V	1	24	3680	3272	2900	2558	2240	1946	1654	1307	1027	799	613	462	-0.4	0	-0.4	-1.8	-4.1	-7.7	0.9	0.9	0	-1.9	-5.0	-15.4	-32.8
222 Remington	SBST222	40	Ballistic Silvertip	V	1	24	3370	2915	2503	2127	1786	1487	1009	755	556	402	283	196	-0.3	0	-0.7	-2.6	-5.9	-10.8	1.3	1.2	0	-2.6	-6.9	-21.5	-47.2
223 Remington	SBST223A	40	Ballistic Silvertip	V	1	24	3700	3166	2693	2265	1879	1540	1216	891	644	456	314	211	-0.4	0	-0.5	-2.0	-4.7	-8.8	1.0	1.0	0	-2.2	-5.8	-18.4	-40.9
223 Remington	SBST223	50	Ballistic Silvertip	V	1	24	3410	2982	2593	2235	1907	1613	1291	987	746	555	404	289	-0.3	0	-0.7	-2.4	-5.5	-10.0	1.2	1.2	0	-2.5	-6.4	-19.8	-42.8
223 Remington	SBST223B	55	Ballistic Silvertip	V	1	24	3240	2871	2531	2215	1923	1657	1282	1006	782	599	451	335	-0.3	0	-0.8	-2.7	-6.1	-10.9	1.4	1.3	0	-2.6	-6.8	-20.8	-44.3
223 Remington	SHV223R2**	64	Power-Point Plus®	D	2	24	3090	2684	2312	1971	1664	1398	1357	1024	760	552	393	278	-0.2	0	-1.0	-3.4	-7.4	-13.3	1.7	1.5	0	-3.2	-8.2	-25.4	-55.1
223 WSSM	SBST223SS	55	Ballistic Silvertip	V	1	24	3850	3438	3064	2721	2402	2105	1810	1444	1147	904	704	541	-0.4	0	-0.3	-1.5	-3.5	-6.6	0.7	0.8	0	-1.7	-4.4	-13.6	-28.8
243 Winchester	SBST243	55	Ballistic Silvertip	V	1	24	3910	3493	3114	2766	2444	2144	1867	1489	1184	934	729	562	-0.4	0	-0.3	-1.4	-3.3	-6.3	0.7	0.7	0	-1.6	-4.3	-13.1	-27.7
243 Winchester	SBST243A	95	Ballistic Silvertip	D, O/P	2	24	3100	2854	2626	2410	2203	2007	2021	1719	1455	1225	1024	850	-0.3	0	-0.8	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.9	-38.4
243 Winchester	SHV2432	100	Power-Point Plus	D, O/P	2	24	3090	2818	2562	2321	2092	1877	2121	1764	1458	1196	972	782	-0.3	0	-0.8	-2.9	-6.3	-11.1	1.4	1.3	0	-2.6	-6.7	-20.0	-41.1
243 WSSM	SBST243SS	55	Ballistic Silvertip	V	1	24	4060	3628	3237	2880	2550	2243	2013	1607	1280	1013	794	614	-0.5	0	-0.2	-1.2	-2.9	-5.6	0.6	0.7	0	-1.5	-3.9	-12.0	-25.5
243 WSSM	SBST243SSA	95	Ballistic Silvertip	D, O/P	2	24	3250	3000	2763	2538	2325	2121	2258	1898	1610	1359	1140	949	-0.3	0	-0.7	-2.4	-5.2	-9.3	1.2	1.1	0	-2.3	-5.7	-16.9	-34.5
▷ 25 WSSM	S25WSSCT	110	AccuBond™ CT®	D	2	24	3100	2870	2651	2442	2243	2053	2347	2011	1716	1456	1228	1029	-0.3	0	-0.8	-2.7	-5.9	-10.4	1.4	1.3	0	-2.5	-6.3	-18.5	-37.6
25 WSSM	SBST25WSS	85	Ballistic Silvertip	V	1	24	3470	3156	2863	2589	2331	2088	2273	1880	1548	1266	1026	823	-0.4	0	-0.5	-2.0	-4.5	-8.2	1.0	1.0	0	-2.0	-5.2	-15.7	-32.5
25 WSSM	SBST25WSSA	115	Ballistic Silvertip	D	2	24	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099	-0.3	0	-0.8	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.6	-37.7
▷ 25-06 Remington	S2506CT	110	AccuBond CT	D	2	24	3100	2870	2651	2442	2243	2053	2347	2011	1716	1456	1228	1029	-0.3	0	-0.8	-2.7	-5.9	-10.4	1.4	1.3	0	-2.5	-6.3	-18.5	-37.6
25-06 Remington	SBST2506A	85	Ballistic Silvertip	V	1	24	3470	3156	2863	2589	2331	2088	2273	1880	1548	1266	1026	823	-0.4	0	-0.5	-2.0	-4.5	-8.2	1.0	1.0	0	-2.0	-5.2	-15.7	-32.5
25-06 Remington	SBST2506	115	Ballistic Silvertip	D	2	24	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099	-0.3	0	-0.8	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.6	-37.7
270 Winchester	S270CT	140	AccuBond CT	D, O/P	2	24	2950	2751	2560	2378	2203	2035	2705	2352	2038	1757	1508	1287	-0.2	0	-0.9	-3.1	-6.6	-11.5	1.6	1.4	0	-2.7	-6.9	-19.9	-40.1
270 Winchester	SHV2705	130	Power-Point Plus	D, O/P	2	24	3150	2881	2628	2388	2161	1946	2865	2396	1993	1646	1348	1094	-0.3	0	-0.8	-2.7	-5.9	-10.4	1.3	1.2	0	-2.5	-6.4	-18.9	-38.8
270 Winchester	SPG270	150	Partition Gold®	D, O/P	2	24	2930	2693	2468	2254	2051	1859	2860	2416	2030	1693	1402	1152	-0.2	0	-1.0	-3.3	-7.7	-12.3	1.7	1.5	0	-2.9	-7.4	-21.6	-44.1
270 Winchester	SHV2704	150	Power-Point Plus	D, O/P	2	24	2950	2679	2425	2184	1957	1746	2900	2391	1959	1589	1276	1016	-0.2	0	-1.0	-3.4	-7.2	-12.7	1.7	1.5	0	-3.0	-7.6	-22.6	-46.6
270 Winchester	SBST270	130	Ballistic Silvertip	D	2	24	3050	2828	2618	2416	2224	2040	2685	2309	1978	1685	1428	1202	-0.2	0	-0.8	-2.8	-6.1	-10.7	1.4	1.3	0	-2.6	-6.5	-18.9	-38.4
270 Winchester	S270X	140	Fail Safe®	D, O/P	2	24	2920	2671	2435	2211	1999	1799	2651	2218	1843	1519	1242	1007	-0.2	0	-1.0	-3.4	-7.2	-12.6	1.7	1.5	0	-3.0	-7.6	-22.3	-45.7
270 WSM	S270WSMCT	140	AccuBond CT	D, O/P, L	3	24	3200	2989	2789	2579	2413	2236	3184	2779	2418	2097	1810	1555	-0.3	0	-0.7	-2.4	-5.2	-9.3	1.2	1.1	0	-2.2	-5.7	-16.5	-33.3
270 WSM	SBST2705	130	Ballistic Silvertip	D, O/P	2	24	3275	3041	2820	2609	2408	2215	3096	2669	2295	1964	1673	1416	-0.3	0	-0.6	-2.3	-5.0	-8.9	1.1	1.1	0	-2.2	-5.5	-16.1	-32.8
270 WSM	S270WSMX	140	Fail Safe	D, O/P, L	3	24	3125	2865	2619	2386	2165	1956	3035	2550	2132	1769	1457	1189	-0.3	0	-0.8	-2.7	-6.0	-10.6	1.4	1.3	0	-2.5	-6.5	-19.0	-39.1
270 WSM	SBST2705A	150	Ballistic Silvertip	D, O/P	2	24	3120	2923	2734	2554	2380	2213	3242	2845	2490	2172	1886	1613	-0.3	0	-0.7	-2.6	-5.6	-9.8	1.3	1.2	0	-2.3	-5.9	-17.2	-34.7
280 Remington	SBST280	140	Ballistic Silvertip	D	2	24	3040	2842	2653	2471	2297	2130	2872	2511	2187	1898	1640	1410	-0.2	0	-0.8	-2.8	-6.0	-10.5	1.4	1.3	0	-2.5	-6.3	-18.4	-37.0
280 Remington	S280XA	140	Fail Safe	D, O/P	2	24	3050	2756	2480	2221	1977	1751	2893	2362	1913	1533	1216	953	-0.2	0	-0.9	-3.1	-6.7	-11.8	1.5	1.4	0	-2.8	-7.2	-21.5	-50.6
7mm-08 Remington	S708	140	Fail Safe	D, O/P	2	24	2760	2506	2271	2048	1839	1645	2360	1953	1603	1304	1051	841	-0.1	0	-1.3	-4.0	-8.5	-14.9	2.0	1.8	0	-3.5	-8.8	-25.9	-53.2
7mm-08 Remington	SBST708	140	Ballistic Silvertip	D, O/P	2	24	2770	2572	2382	2200	2026	1860	2386	2056	1764	1504	1276	1076	-0.1	0	-1.2	-3.8	-7.9	-13.7	1.9	1.6	0	-3.2	-8.0	-23.2	-46.9
7mm-08 Remington	SHV708	140	Power-Point Plus	D, O/P	2	24	2875	2597	2336	2090	1859	1647	2570	2097	1697	1358	1075	843	-0.2	0	-1.1	-3.7	-7.8	-13.7	1.8	1.6	0	-3.2	-8.2	-24.4	-50.6
7mm STW	SBST7STW	140	Ballistic Silvertip	D, O/P	2	24	3300	3106	2920	2742	2570	2405	3385	2998	2650	2336	2053	1798	-0.3	0	-0.6	-2.1	-4.6	-8.3	1.0	1.0	0	-2.0	-5.1	-14.9	-29.8
7mm STW	S7STWX	160	Fail Safe	D, O/P, L	3	24	3050	2767	2500	2249	2013	1792	3304	2719	2221	1797	1439	1141	-0.2	0	-0.9	-3.0	-6.6	-11.7	1.5	1.4	0	-2.8	-7.1	-21.1	-43.6
▷ 7mm WSM	S7MMWSMCTA	140	AccuBond CT	D, O/P	2	24	3225	3008	2801	2604	2415	2233	3233	2812	2439	2107	1812	1550	-0.3	0	-0.7	-2.3	-5.1	-9.1	1.2	1.1	0	-2.2	-5.6	-16.4	-33.1
7mm WSM	S7MMWSMCT	160	AccuBond CT	D, O/P, L	3	24	3050	2862	2682	2509	2342	2182	3306	2911	2556	2237	1950	1692	-0.3	0	-0.8	-2.7	-5.9	-10.3	1.4	1.3	0	-2.5	-6.2	-17.9	-36.0
7mm WSM	SBST7MMS	140	Ballistic Silvertip	D, O/P	2	24	3225	3008	2810	2603	2414	2233	3233	2812	2438	2106	1812	1550	-0.3	0	-0.7	-2.3	-5.1	-9.1	1.2	1.1	0	-2.2	-5.6	-16.4	-33.1
7mm WSM	S7MMWSMX	160	Fail Safe	D, O/P, L	3	24	2990	2744	2512	2081	2342	1883	3176	2675	2241	1864	1538	1259	-0.2	0	-0.9	-3.1	-6.7	-11.8	1.6	1.4	0	-2.8	-7.1	-20.8	-42.6
▷ 7mm Remington Mag.	S7MMCTA	140	AccuBond CT	D, O/P	2	24	3180	2965	2760	2565	2377	2197	3143	2733	2368	2044	1756	1501	-0.3	0	-0.7	-2.5	-5.4	-9.5	1.2	1.1	0	-2.3	-5.8	-16.9	-34.2
7mm Remington Mag.	S7MMCT	160	AccuBond CT	D, O/P, L	3	24	2950	2766	2590	2420	2257	2099	3091	2718	2382	2080	1809	1566	-0.2	0	-0.9	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.4	-38.9
7mm Remington Mag.	SHV7MMR1	150	Power-Point Plus	D, O/P	2	24	3130	2849	2586	2337	2102	1881	3264	2705	2227	1819	1472	1179	-0.3	0	-0.8	-2.8	-6.1	-10.8	1.4	1.3	0	-2.6	-6.6	-19.6	-40.4
7mm Remington Mag.	SPG7MAG	160	Partition Gold	D, O/P, L	3	24	2950	2743	2546	2357	2176	2003	3093	2674	2303	1974	1682	1425	-0.2	0	-0.9	-3.1	-6.6	-11.6	1.6	1.4	0	-2.7	-6.9	-20.1	-40.7
7mm Remington Mag.	SBST7A	140	Ballistic Silvertip	D, O/P	2	24	3100	2889	2687	2494	2310	2133	2988	2595	2245	1934	1659	1414	-0.3	0	-0.8	-2.7	-5.8	-10.2	1.3	1.2	0	-2.4	-6.2	-17.9	-38.1
7mm Remington Mag.	SBST7	150	Ballistic Silvertip	D, O/P	2	24	3100	2903	2714	2533	2359	2192	3200	2806	2453	2136	1853	1600	-0.3	0	-0.8	-2.6	-5.7	-10.0	1.3	1.2	0	-2.4	-6.0	-17.5	-35.1
7mm Remington Mag.	S7MAGXB	140	Fail Safe	D, O/P	2	24	3150	2861	2589	2333	2092	1866	3085	2544	2085	1693	1361	1083	-0.3	0	-0.8	-2.8	-6.0	-10.7	1.4	1.3	0	-2.6	-6.6	-19.5	-40.5
7mm Remington Mag.	S7MAGX	160	Fail Safe	D, O/P, L	3	24	2920	2678	2449	2331	2025	1830	3030	2549	2131	1769	1457	1190	-0.2	0	-1.0	-3.4	-7.1	-12.5	1.7	1.5	0	-2.9	-7.5	-22.0	-44.9

30-30 Winchester	SHV30306	150	Power-Point Plus	D	2	24	2480	2095	1747	1446	1209	1053	2049	1462	1017	697	487	369	0.1	0	-2.1	-6.5	-13.8	-24.5	3.3	2.8	0	-5.7	-14.7	-45.7	-98.4
30-06 Springfield	S3006CT	180	AccuBond CT	D, O/P, L	3	24	2750	2573	2403	2239	2082	1931	3022	2646	2308	2004	1732	1491	-0.1	0	-1.2	-3.8	-7.8	-13.5	1.9	1.6	0	-3.1	-7.9	-22.8	-45.6
30-06 Springfield	SHV30061	150	Power-Point Plus	D, O/P	2	24	3050	2685	2352	2043	1760	1508	3089	2402	1843	1391	1032	757	-0.2	0	-1.0	-3.3	-7.3	-13.0	1.7	1.5	0	-3.1	-8.0	-24.3	-51.9
30-06 Springfield	SPG3006	150	Partition Gold	D, O/P	2	24	2960	2705	2464	2235	2019	1815	2919	2437	2022	1664	1358	1098	-0.2	0	-1.0	-3.3	-7.0	-12.3	1.6	1.5	0	-2.9	-7.4	-21.7	-44.6
30-06 Springfield	SBST3006	150	Ballistic Silvertip	D, O/P	2	24	2900	2687	2483	2289	2103	1926	2801	2404	2054	1745	1473	1236	-0.2	0	-1.0	-3.3	-7.0	-12.3	1.7	1.5	0	-2.9	-7.3	-21.2	-43.0
30-06 Springfield	SBST3006A	168	Ballistic Silvertip	D, O/P	2	24	2790	2599	2416	2240	2072	1911	2903	2520	2177	1872	1601	1362	-0.2	0	-1.1	-3.6	-7.6	-13.2	1.8	1.6	0	-3.1	-7.8	-22.5	-45.2
30-06 Springfield	S3006XB	150	Fail Safe	D, O/P	2	24	2920	2625	2349	2089	1848	1625	2841	2296	1838	1455	1137	880	-0.2	0	-1.1	-3.6	-7.5	-13.4	1.8	1.6	0	-3.2	-8.1	-24.3	-50.5
30-06 Springfield	S3006XA	165	Fail Safe	D, O/P, L	3	24	2800	2540	2295	2063	1846	1645	2873	2365	1930	1560	1249	992	-0.1	0	-1.2	-3.9	-8.2	-14.4	2.0	1.7	0	-3.4	-8.6	-25.3	-52.3
30-06 Springfield	SBST3006B	180	Ballistic Silvertip	D, O/P	2	24	2750	2572	2402	2237	2080	1928	3022	2644	2305	2001	1728	1486	-0.1	0	-1.2	-3.8	-7.8	-13.6	1.9	1.6	0	-3.2	-7.9	-22.8	-45.7
30-06 Springfield	SHV30064	180	Power-Point Plus	D, O/P	2	24	2770	2563	2366	2177	1997	1826	3068	2627	2237	1894	1594	1333	-0.1	0	-1.2	-3.8	-8.0	-13.8	1.9	1.7	0	-3.2	-8.1	-23.6	-47.8
30-06 Springfield	SPG3006A	180	Partition Gold	D, O/P, L	3	24	2750	2550	2359	2176	2001	1835	3022	2599	2223	1891	1599	1345	-0.1	0	-1.2	-3.8	-8.0	-13.9	1.9	1.7	0	-3.2	-8.2	-23.7	-47.9
30-06 Springfield	S3006X	180	Fail Safe	D, O/P, L	3	24	2700	2486	2283	2089	1904	1731	2914	2472	2083	1744	1450	1198	-0.1	0	-1.3	-4.1	-8.6	-14.9	2.1	1.8	0	-3.5	-8.7	-25.5	-51.8
300 WSM	S300WSMCT	180	AccuBond CT	D, O/P, L	3	24	3010	2822	2643	2470	2304	2144	3622	3185	2792	2439	2121	1837	-0.2	0	-0.9	-2.9	-6.1	-10.7	1.4	1.3	0	-2.5	-6.4	-18.5	-37.2
300 WSM	SBST300S	150	Ballistic Silvertip	D, O/P	2	24	3300	3061	2834	2619	2414	2218	3628	3121	2676	2285	1941	1638	-0.3	0	-0.6	-2.2	-4.9	-8.8	1.1	1.1	0	-2.1	-5.4	-15.9	-32.4
300 WSM	SBST300SA	180	Ballistic Silvertip	D, O/P, L	3	24	3010	2822	2641	2468	2301	2141	3621	3182	2788	2434	2116	1832	-0.2	0	-0.9	-2.9	-6.1	-10.7	1.4	1.3	0	-2.5	-6.4	-18.6	-37.3
▻ 300 WSM	S300WSMXA	165	Fail Safe	D, O/P, L	3	24	3125	2846	2584	2336	2102	1882	3577	2967	2446	1999	1619	1298	-0.3	0	-0.8	-2.8	-6.1	-10.8	1.4	1.3	0	-2.6	-6.6	-19.6	-40.6
300 WSM	S300WSMX	180	Fail Safe	D, O/P, L	3	24	2970	2741	2524	2317	2120	1932	3526	3005	2547	2147	1797	1493	-0.2	0	-0.9	-3.1	-6.7	-11.7	1.6	1.4	0	-2.8	-7.0	-20.5	-41.8
300 Winchester Mag.	S300WMCT	180	AccuBond CT	D, O/P, L	3	24	2950	2765	2588	2417	2253	2095	3478	3055	2676	2334	2028	1754	-0.2	0	-0.9	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.4	-39.0
300 Winchester Mag.	SHV30WM2	180	Power-Point Plus	D, O/P, L	3	24	3070	2846	2633	2430	2236	2051	3768	3239	2772	2361	1999	1681	-0.3	0	-0.8	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.7	-38.0
300 Winchester Mag.	SBST300	180	Ballistic Silvertip	D, O/P, L	3	24	2950	2764	2586	2415	2250	2092	3478	3054	2673	2331	2023	1749	-0.2	0	-0.9	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.4	-38.9
300 Winchester Mag.	S300WXB	150	Fail Safe	D, O/P	2	24	3260	2943	2647	2370	2110	1867	3539	2884	2334	1871	1483	1161	-0.3	0	-0.7	-2.5	-5.6	-10.0	1.3	1.2	0	-2.4	-6.2	-18.7	-38.9
300 Winchester Mag.	S300WXA	165	Fail Safe	D, O/P, L	3	24	3120	2843	2582	2336	2104	1885	3567	2962	2444	2000	1622	1302	-0.3	0	-0.8	-2.8	-6.1	-10.8	1.4	1.3	0	-2.6	-6.6	-19.6	-40.5
300 Winchester Mag.	S300WX	180	Fail Safe	L	3	24	2960	2732	2514	2307	2110	1923	3503	2983	2528	2129	1780	1478	-0.2	0	-1.0	-3.2	-6.8	-11.8	1.6	1.4	0	-2.8	-7.1	-20.7	-42.1
300 Winchester Mag.	SPG300WM	180	Partition Gold	O/P, L	3	24	3070	2859	2657	2464	2280	2103	3768	3267	2823	2428	2078	1768	-0.3	0	-0.8	-2.8	-5.9	-10.4	1.4	1.3	0	-2.5	-6.3	-18.3	-37.1
300 H & H Mag.	S300HX	180	Fail Safe	L	3	24	2880	2628	2390	2165	1952	1752	3316	2762	2284	1873	1523	1227	-0.2	0	-1.1	-3.5	-7.5	-13.2	1.8	1.6	0	-3.1	-7.9	-23.2	-47.6
308 Winchester	SHV3085	150	Power-Point Plus	D, O/P	2	24	2900	2558	2241	1946	1678	1441	2802	2180	1672	1262	938	692	-0.2	0	-1.2	-3.8	-8.2	-14.6	1.9	1.7	0	-3.4	-8.9	-27.0	-57.4
308 Winchester	SPG308	150	Partition Gold	D, O/P	2	24	2900	2645	2405	2177	1962	1760	2802	2332	1927	1579	1282	1032	-0.2	0	-1.1	-3.5	-7.4	-13.0	1.7	1.6	0	-3.1	-7.8	-22.9	-47.0
308 Winchester	SBST308	150	Ballistic Silvertip	D, O/P	2	24	2810	2601	2401	2211	2028	1856	2629	2253	1920	1627	1370	1147	-0.2	0	-1.1	-3.6	-7.6	-13.3	1.8	1.6	0	-3.1	-7.8	-22.8	-46.2
308 Winchester	SBST308A	168	Ballistic Silvertip	D, O/P	2	24	2670	2484	2306	2134	1971	1815	2659	2301	1983	1699	1449	1229	-0.1	0	-1.3	-4.1	-8.6	-14.8	2.1	1.8	0	-3.4	-8.6	-24.8	-50.0
308 Winchester Match	S308M	168	Sierra MatchKing™ BTHP T		–	24	2680	2485	2297	2118	1948	1786	2680	2303	1970	1674	1415	1190	-0.1	0	-1.3	-4.1	-8.6	-14.9	2.1	1.8	0	-3.4	-8.7	-25.1	-50.7
308 Winchester	S308XA	150	Fail Safe	D, O/P	2	24	2820	2533	2263	2010	1775	1561	2649	2137	1706	1346	1049	812	-0.1	0	-1.2	-3.9	-8.4	-14.7	2.0	1.7	0	-3.4	-8.8	-26.2	-54.6
▻ 325 WSM	S325WSMCT	200	AccuBond CT	D, O/P, L	3	24	2950	2753	2565	2384	2210	2044	3866	3367	2922	2524	2170	1856	-0.2	0	-0.9	-3.1	-6.6	-11.5	1.5	1.4	0	-2.7	-6.8	-19.8	-39.9
▻ 325 WSM	SBST325S	180	Ballistic Silvertip	D, O/P, L	3	24	3060	2841	2632	2432	2242	2060	3743	3226	2769	2365	2009	1696	-0.3	0	-0.8	-2.8	-6.1	-10.6	1.4	1.3	0	-2.5	-6.4	-18.7	-38.0
338 Winchester Mag.	S338CT	225	AccuBond CT	L, XL	3	24	2800	2634	2474	2319	2170	2026	3918	3467	3058	2688	2353	2052	-0.2	0	-1.1	-3.5	-7.4	-12.7	1.8	1.5	0	-3.0	-7.4	-21.3	-42.6
338 Winchester Mag.	SBST338	200	Ballistic Silvertip	D, O/P, L	3	24	2950	2724	2509	2303	2108	1922	3864	3294	2794	2355	1972	1640	-0.2	0	-1.0	-3.2	-6.8	-11.9	1.6	1.4	0	-2.8	-7.1	-20.8	-42.3
338 Winchester Mag.	S338XA	230	Fail Safe	L, XL	3	24	2780	2573	2375	2186	2005	1834	3948	3382	2881	2441	2054	1719	-0.1	0	-1.2	-3.8	-7.9	-13.7	1.9	1.7	0	-3.2	-8.1	-23.4	-47.4
338 Winchester Mag.	SPG338WM	250	Partition Gold	L, XL	3	24	2650	2467	2291	2122	1960	1807	3899	3378	2914	2520	2134	1812	-0.1	0	-1.3	-4.2	-8.8	-15.1	2.1	1.8	0	-3.5	-8.7	-25.2	-50.7
357 Magnum #	S357P	180	Partition Gold	D	2	20	1550	1160	965	854	770	698	960	538	372	292	237	195	0	-4.0	-14.5	-33.0	-60.7	-99.1	0	-8.5	-24.9	-50.7	-87.1	–	–
375 H & H Mag.	S375HX	270	Fail Safe	L, XL	4	24	2670	2447	2234	2033	1842	1664	4275	3590	2994	2478	2035	1662	-0.1	0	-1.4	-4.3	-9.0	-15.6	2.2	1.9	0	-3.6	-9.1	-28.7	-54.5
375 H & H Mag.	S375HXA	300	Fail Safe	L, XL	4	24	2530	2336	2151	1974	1806	1649	4265	3636	3082	2596	2173	1811	0	0	-1.6	-4.8	-10.1	-17.2	2.4	2.1	0	-4.0	-10.0	-26.9	-58.4
41 Remington Mag. #	S41PTHP	240	Platinum Tip™	D	2	20	1830	1488	1220	1048	945	870	1784	1180	792	585	476	404	0	-2.3	-8.5	-19.6	-36.5	-60.3	0	-5.1	-15.0	-30.8	-53.4	-123.4	–
44 Remington Mag. #	S44PTHP	250	Platinum Tip	D	2	20	1830	1475	1201	1032	931	857	1859	1208	801	591	481	408	0	-2.3	-8.7	-19.9	-37.2	-61.7	0	-5.2	-15.3	-31.4	-54.7	-126.6	–
44 Remington Mag. #	S44MP	250	Partition Gold	D	2	20	1810	1455	1188	1025	926	853	1818	1175	783	583	476	404	0	-2.1	-8.4	-19.7	-37.2	-61.9	0	-5.2	-15.4	-31.9	-55.5	-128.7	–
45-70 Government	SPG4570	300	Partition Gold	L	3	24	1880	1558	1292	1103	988	910	2355	1616	1112	811	651	551	0	-1.5	-6.5	-15.8	-30.2	-50.4	0	-4.3	-12.9	-26.6	-46.0	-104.9	–

CXP® Guide

VARMINTS CXP1 — Rapid expansion or fragmentation on impact.

LIGHT, THIN-SKINNED GAME CXP2 — Rapid, controlled expansion. Penetrates thin skin, light muscle and bone.

LARGE, HEAVY GAME CXP3 — Delayed, controlled expansion. Deep penetration through thick, tough skin, heavy muscle tissue & bone.

EXTRA LARGE, DANGEROUS AFRICAN GAME CXP4 — Built to penetrate thick extra tough hide, heavy bone and powerful muscle tissue.

CXP Class	Examples	Game Selector
1	Prairie Dog, Coyote, Woodchuck	V—Varmint
2	Antelope, Deer, Black bear	D—Deer
3	Large, heavy game	L—Large Game
4	Cape Buffalo, Elephant	XL—Extra Large Game
		O/P—Open or Plains
		T—Target

** Intended for use in fast twist barrels (e.g., 1 in 7 to 1 in 9). Slower twist barrels may not sufficiently stabilize bullet.

Acceptable for use in pistols and revolvers also.

▻ New Product/Offering

Super-X® Centerfire Rifle Ballistics

Cartridge	Symbol	Bullet Wt. Grs.	Bullet Type	Game Selector Guide	CXP Guide No.	Barrel Length (In.)	Velocity in Feet Per Second (fps)						Energy in Foot Pounds (ft-lbs.)						Trajectory, Short Range Yards						Trajectory, Long Range Yards						
							Muzzle	100	200	300	400	500	Muzzle	100	200	300	400	500	50	100	150	200	250	300	100	150	200	250	300	400	500
▷ 204 Ruger	X204R	34	Hollow Point	V	1	24	4025	3339	2751	2232	1775	1393	1223	842	571	376	238	146	-0.3	0.2	0	-1.2	-3.5	-7.3	0.8	0.9	0	-2.0	-5.5	-18.1	-42.0
218 Bee	X218B	46	Hollow Point	V	1	24	2760	2102	1550	1155	961	850	778	451	245	136	94	74	0.3	0	-2.3	-7.2	-15.8	-29.4	1.5	0	-4.2	-12.0	-24.8	-71.4	-155.6
22 Hornet	X22H1	45	Soft Point	V	1	24	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.3	0	-2.4	-7.7	-16.9	-31.3	1.6	0	-4.5	-12.8	-26.4	-75.6	-163.4
22 Hornet	X22H2	46	Hollow Point	V	1	24	2690	2042	1502	1128	948	841	739	426	230	130	92	72	0.3	0	-2.4	-7.7	-16.9	-31.3	1.6	0	-4.5	-12.8	-26.4	-75.5	-163.3
220 Swift	X220S	50	Pointed Soft Point	V	1	24	3870	3310	2816	2373	1972	1616	1663	1226	881	625	432	290	-0.4	0	-0.4	-1.7	-4.1	-7.8	0.8	0.9	0	-2.0	-5.2	-16.7	-37.1
22-250 Remington	X222501	55	Pointed Soft Point	V	1	24	3680	3137	2656	2222	1832	1493	1654	1201	861	603	410	272	0.2	0.5	0	-1.6	-4.4	-8.7	2.3	2.6	1.9	0	-3.4	-15.9	-38.9
▷ 22-250 Remington	X222502	64	Power-Point®	V	1	24	3500	3086	2708	2360	2038	1744	1741	1353	1042	791	590	432	-0.3	0	-0.6	-2.2	-5.0	-9.1	1.1	1.1	0	-2.3	-5.9	-18.0	-38.6
222 Remington	X222R	50	Pointed Soft Point	V	1	24	3140	2602	2123	1700	1350	1107	1094	752	500	321	202	136	0.5	0.9	0	-2.5	-6.9	-13.7	2.2	1.9	0	-3.8	-10.0	-32.3	-73.8
223 Remington	X223RH	53	Hollow Point	V	1	24	3330	2882	2477	2106	1770	1475	1305	978	722	522	369	256	0.3	0.7	0	-1.9	-5.3	-10.3	1.7	1.4	0	-2.9	-7.4	-22.7	-49.1
223 Remington	X223R	55	Pointed Soft Point	V	1	24	3240	2747	2304	1905	1554	1270	1282	921	648	443	295	197	0.4	0.8	0	-2.2	-6.0	-11.8	1.9	1.6	0	-3.3	-8.5	-26.7	-59.6
223 Remington	X223R2**	64	Power-Point	D	2	24	3020	2656	2320	2009	1724	1473	1296	1003	765	574	423	308	0.1	0.7	0	-2.1	-5.8	-11.4	1.7	1.6	0	-3.2	-8.2	-25.1	-53.6
223 WSSM	X223WSS	55	Pointed Soft Point	V	1	24	3850	3367	2934	2541	2181	1851	1810	1384	1051	789	581	418	-0.4	0	-0.4	-1.6	-3.8	-7.2	0.8	0.8	0	-1.8	-4.9	-15.1	-32.8
223 WSSM	X223WSS1	64	Power-Point	D	2	24	3600	3144	2732	2356	2011	1698	1841	1404	1061	789	574	410	-0.4	0	-0.5	-2.0	-4.7	-8.8	1.0	1.0	0	-2.2	-5.7	-17.7	-38.5
5.56mm	SC556NT	55	Tin SP	Training		24	3090	2457	1912	1455	1133	966	1161	737	446	259	157	114	-0.2	0	-1.3	-4.4	-9.9	-18.5	2.2	2.0	0	-4.4	-7.0	-40.7	-96.4
225 Winchester	X2251	55	Pointed Soft Point	V	1	24	3570	3066	2616	2208	1838	1514	1556	1148	836	595	412	280	0.2	0.6	0	-1.7	-4.6	-9.0	2.4	2.8	2.0	0	-3.5	-16.3	-39.5
243 Winchester	X2431	80	Pointed Soft Point	V	1	24	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.3	0.7	0	-1.8	-4.9	-9.4	2.6	2.9	2.1	0	-3.6	-16.2	-37.9
243 Winchester	X2432	100	Power-Point	D, O/P	2	24	2960	2697	2449	2215	1993	1786	1945	1615	1332	1089	882	708	0.5	0.9	0	-2.2	-5.8	-11.0	1.9	1.6	0	-3.1	-7.8	-22.6	-46.3
243 WSSM	X243WSS	100	Power-Point	D, O/P	2	24	3110	2838	2583	2341	2112	1897	2147	1789	1481	1217	991	799	-0.3	0	-0.8	-2.8	-6.1	-10.9	1.4	1.3	0	-2.6	-6.6	-19.7	-40.5
6mm Remington	X6MMR2	100	Power-Point	D, O/P	2	24	3100	2829	2573	2332	2104	1889	2133	1777	1470	1207	983	792	0.4	0.8	0	-1.9	-5.2	-9.9	1.7	1.5	0	-2.8	-7.0	-20.4	-41.7
25 WSSM	X25WSS	120	Positive Exp. Pt.	D	2	24	2990	2717	2459	2216	1987	1773	2383	1967	1612	1309	1053	838	0.1	0.6	0	-1.9	-5.3	-10.3	1.6	1.5	0	-2.9	-7.4	-21.8	-45.1
25-06 Remington	X25061	90	Positive Exp. Pt.	V	1	24	3440	3043	2680	2344	2034	1749	2364	1850	1435	1098	827	611	0.3	0.6	0	-1.7	-4.5	-8.8	2.4	2.7	2.0	0	-3.4	-15.0	-35.2
25-06 Remington	X25062	120	Positive Exp. Pt.	D, O/P	2	24	2990	2717	2459	2216	1987	1773	2382	1967	1612	1309	1053	838	0.1	0.6	0	-1.9	-5.3	-10.3	1.6	1.5	0	-2.9	-7.4	-21.8	-45.1
25-20 Winchester	X25202	86	Soft Point	V	1	24	1460	1194	1030	931	858	798	407	272	203	165	141	122	0	-4.1	-14.4	-31.8	-57.3	-92.0	0	-8.2	-23.5	-47.0	-79.6	–	–
25-35 Winchester	X2535	117	Soft Point	D	2	24	2230	1866	1545	1282	1097	984	1292	904	620	427	313	252	0.6	0	-3.1	-9.2	-19.0	-33.1	2.1	0	-5.1	-13.8	-27.0	-70.1	-142.0
250 Savage	X2503	100	Silvertip®	D, O/P	2	24	2820	2467	2140	1839	1569	1339	1765	1351	1017	751	547	398	0.2	0	-1.6	-4.9	-10.0	-17.4	2.4	2.0	0	-3.9	-10.1	-30.5	-65.2
257 Roberts + P	X257P3	117	Power-Point	D, O/P	2	24	2780	2411	2071	1761	1488	1263	2009	1511	1115	806	576	415	0.8	1.1	0	-2.9	-7.8	-15.1	2.6	2.2	0	-4.2	-10.8	-33.0	-70.0
264 Winchester Mag.	X2642	140	Power-Point	D, O/P	2	24	3030	2782	2548	2326	2114	1914	2854	2406	2018	1682	1389	1139	0.5	0.8	0	-2.0	-5.4	-10.2	1.8	1.5	0	-2.9	-7.2	-20.8	-42.2
6.5 x 55 Swedish	X6555	140	Soft Point	D, O/P	2	24	2550	2359	2176	2002	1836	1680	2022	1731	1473	1246	1048	878	0	0	-1.5	-4.8	-9.8	-16.9	2.4	2.0	0	-3.9	-9.7	-28.1	-56.8
270 Winchester	X2705	130	Power-Point	D, O/P	2	24	3060	2802	2559	2329	2110	1904	2702	2267	1890	1565	1285	1046	0.4	0.8	0	-2.0	-5.3	-10.1	1.8	1.5	0	-2.8	-7.1	-20.6	-42.0
270 Winchester	X2703	130	Silvertip	D, O/P	2	24	3060	2776	2510	2259	2022	1801	2702	2225	1818	1472	1180	936	0.5	0.8	0	-2.0	-5.5	-10.4	1.8	1.5	0	-2.9	-7.4	-21.6	-44.3
270 Winchester	X2704	150	Power-Point	D, O/P	2	24	2850	2585	2336	2100	1879	1673	2705	2226	1817	1468	1175	932	0.6	1.0	0	-2.4	-6.4	-12.2	2.2	1.8	0	-3.4	-8.6	-25.0	-51.4
270 WSM	X270WSM	150	Power-Point	D, O/P	2	24	3150	2867	2601	2350	2113	1890	3304	2737	2252	1839	1487	1190	-0.3	0	-0.8	-2.7	-6.0	-10.6	1.4	1.3	0	-2.6	-6.5	-19.4	-40.1
284 Winchester	X2842	150	Power-Point	D, O/P	3	24	2860	2609	2371	2145	1933	1734	2724	2266	1872	1533	1244	1001	0.2	0.7	0	-2.1	-5.8	-11.2	1.8	1.6	0	-3.2	-8.0	-23.6	-48.6
7mm-08 Remington	X708	140	Power-Point	D, O/P	2	24	2800	2549	2312	2087	1876	1679	2437	2020	1661	1354	1094	876	-0.1	0	-1.2	-3.9	-8.2	-14.3	1.9	1.7	0	-3.3	-8.5	-24.9	-51.3
7mm Mauser (7 x 57)	X7MM1	145	Power-Point	D	2	24	2660	2413	2180	1960	1754	1565	2278	1875	1530	1236	990	788	-0.1	0	-1.4	-4.5	-9.4	-16.3	0.9	0	-2.6	-7.0	-13.5	-33.5	-64.8
7mm STW	X7STW1	150	Power-Point	D, O/P	2	24	3280	3018	2770	2537	2314	2103	3583	3032	2556	2142	1783	1473	-0.3	0	-0.6	-2.3	-5.1	-9.2	1.2	1.1	0	-2.2	-5.7	-16.8	-34.4
7mm WSM	X7MMWSM	150	Power-Point	D, O/P	2	24	3200	2915	2648	2396	2157	1933	3410	2830	2335	1911	1550	1245	-0.3	0	-0.7	-2.6	-5.7	-10.2	1.3	1.2	0	-2.5	-6.3	-18.6	-38.5
7mm Remington Mag.	X7MMR1	150	Power-Point	D, O/P	2	24	3090	2831	2587	2356	2136	1929	3180	2670	2229	1848	1520	1239	-0.3	0	-0.8	-2.8	-6.2	-10.9	1.4	1.3	0	-2.6	-6.6	-19.5	-40.1
7mm Remington Mag.	X7MMR2	175	Power-Point	D, O/P	3	24	2860	2644	2439	2243	2055	1878	3178	2717	2311	1954	1641	1370	0.2	0.7	0	-2.1	-5.6	-10.7	1.7	1.5	0	-3.0	-7.6	-22.1	-44.9
7.62 x 39mm	X76239	123	Soft Point	D, V	2	20	2365	2033	1731	1465	1248	1093	1527	1129	818	586	425	327	0.5	0	-2.6	-7.6	-15.4	-26.7	3.8	3.1	0	-6.0	-15.4	-46.3	-98.4
30 Carbine	X30M1	110	Hollow Soft Point	V	1	20	1990	1567	1236	1035	923	842	967	600	373	262	208	173	0.9	0	-4.5	-13.5	-28.3	-49.9	0	-4.5	-13.5	-28.3	-49.9	-118.6	–
30-30 Winchester	X30301	150	Hollow Point	D	2	24	2390	2018	1684	1398	1177	1036	1902	1356	944	651	461	357	0.5	0	-2.6	-7.7	-16.0	-27.9	1.7	0	-4.3	-11.6	-22.7	-59.1	-120.5
30-30 Winchester	X30306	150	Power-Point	D	2	24	2390	2018	1684	1398	1177	1036	1902	1356	944	651	461	357	0.5	0	-2.6	-7.7	-16.0	-27.9	1.7	0	-4.3	-11.6	-22.7	-59.1	-120.5
30-30 Winchester	X30302	150	Silvertip	D	2	24	2390	2018	1684	1398	1177	1036	1902	1356	944	651	461	357	0.5	0	-2.6	-7.7	-16.0	-27.9	1.7	0	-4.3	-11.6	-22.7	-59.1	-120.5
30-30 Winchester	X30303	170	Power-Point	D	2	24	2200	1879	1591	1346	1157	1034	1827	1332	955	683	506	403	0.3	0	-2.8	-8.4	-17.6	-30.8	1.8	0	-4.8	-13.0	-25.2	-65.0	-130.7
30-30 Winchester	X30303	170	Silvertip	D	2	24	2200	1920	1665	1439	1251	1110	1827	1392	1046	781	590	465	0.3	0	-2.6	-8.0	-16.5	-28.6	1.8	0	-4.5	-12.1	-23.4	-59.1	-117.1
30-06 Springfield	X30062	125	Pointed Soft Point	V	1	24	3140	2780	2447	2138	1853	1595	2736	2145	1662	1269	953	706	0.4	0.8	0	-2.1	-5.6	-10.7	1.8	1.5	0	-3.0	-7.7	-23.0	-48.5
30-06 Springfield	X30061	150	Power-Point	D, O/P	2	24	2920	2580	2265	1972	1704	1466	2839	2217	1708	1295	967	716	0.6	1.0	0	-2.4	-6.6	-12.7	2.2	1.8	0	-3.5	-9.0	-27.0	-57.1
30-06 Springfield	X30063	150	Silvertip	D, O/P	2	24	2910	2617	2342	2083	1843	1622	2820	2281	1827	1445	1131	876	0.6	0.9	0	-2.3	-6.3	-12.0	2.1	1.8	0	-3.3	-8.5	-25.0	-51.8
30-06 Springfield	X30065	165	Pointed Soft Point	D, O/P	2	24	2800	2536	2286	2051	1831	1627	2872	2355	1915	1541	1228	970	0.3	0.8	0	-2.3	-6.3	-12.1	2.0	1.7	0	-3.4	-8.6	-25.6	-53.0
30-06 Springfield	X30064	180	Power-Point	D, O/P	2	24	2700	2468	2247	2038	1840	1657	2913	2433	2018	1659	1354	1097	-0.1	0	-1.3	-4.2	-8.8	-15.4	2.1	1.8	0	-3.6	-9.0	-26.4	-54.2
30-06 Springfield	X30066	180	Silvertip	D, O/P, L	3	24	2700	2469	2250	2042	1846	1663	2913	2436	2023	1666	1362	1105	0.2	0	-1.6	-4.8	-9.7	-16.5	2.4	2.0	0	-3.7	-9.3	-27.0	-54.9
30-40 Krag	X30401	180	Power-Point	D	2	24	2430	2218	2018	1828	1651	1489	2360	1967	1627	1335	1089	886	0.1	0	-1.8	-5.6	-11.5	-19.7	1.2	0	-3.2	-8.4	-16.1	-39.5	-75.6
▷ 300 WSM	X300WSM1	150	Power-Point	D, O/P	2	24	3270	2903	2565	2250	1958	1692	3561	2807	2190	1686	1277	953	-0.3	0	-0.7	-2.6	-5.9	-10.6	1.3	1.2	0	-2.6	-6.6	-20.2	-42.9
300 WSM	X300WSM	180	Power-Point	D, O/P, L	3	24	2970	2755	2549	2353	2166	1987	3526	3034	2598	2214	1827	1578	0.1	0.6	0	-1.9	-5.0	-9.7	1.5	1.4	0	-2.7	-6.9	-20.1	-40.7

300 Winchester Mag.	X30WM1	150	Power-Point	D, O/P	2	24	3290	2951	2636	2342	2068	1813	3605	2900	2314	1827	1424	1095	0.3	0.7	0	-1.8	-4.8	-9.3	2.6	2.9	2.1	0	-3.5	-15.4	-35.5
300 Winchester Mag.	X30WM2	180	Power-Point	O/P, L	3	24	2960	2685	2426	2182	1952	1738	3501	2881	2352	1902	1523	1207	0.1	0.7	0	-2.0	-5.5	-10.6	1.7	1.5	0	-3.0	-7.6	-22.5	-46.6
300 Savage	X3001	150	Power-Point	D, O/P	2	24	2630	2311	2015	1743	1500	1295	2303	1779	1352	1012	749	558	0.3	0	-1.9	-5.7	-11.6	-19.9	2.8	2.3	0	-4.5	-11.5	-34.4	-73.0
303 British	X303B1	180	Power-Point	D	3	24	2460	2233	2018	181	1629	1459	2418	1993	1627	1318	1060	851	0.3	0	-2.1	-6.1	-12.2	-20.8	1.4	0	-3.3	-8.8	-16.6	-40.4	-77.4
307 Winchester	X3076	180	Power-Point	D	2	24	2510	2179	1874	1599	1362	1177	2519	1898	1404	1022	742	554	0.3	0	-2.2	-6.5	-13.3	-22.9	1.5	0	-3.6	-9.6	-18.6	-47.1	-93.7
308 Winchester	X3085	150	Power-Point	D, O/P	2	24	2820	2488	2179	1893	1633	1405	2648	2061	1581	1193	888	657	0.2	0	-1.6	-4.8	-9.8	-16.9	2.4	2.0	0	-3.8	-9.8	-29.3	-62.0
308 Winchester	X3086	180	Power-Point	D, O/P	2	24	2620	2392	2176	1971	1779	1600	2743	2287	1892	1553	1264	1023	0.1	0	-1.5	-4.6	-9.6	-16.6	2.3	2.0	0	-3.8	-9.7	-28.3	-58.0
308 Winchester	X3083	180	Silvertip	L	3	24	2620	2393	2178	1974	1782	1604	2743	2288	1896	1557	1269	1028	0.2	0	-1.8	-5.2	-10.4	-17.7	2.6	2.1	0	-4.0	-9.9	-28.9	-58.8
32 Winchester Special	X32WS2	170	Power-Point	D	2	24	2250	1870	1537	1267	1082	971	1911	1320	892	606	442	356	0.6	0	-3.1	-9.2	-19.0	-33.2	2.0	0	-5.1	-13.8	-27.1	-70.9	-144.3
32-20 Winchester	X32201	100	Lead	V	1	24	1210	1021	913	834	769	712	325	231	185	154	131	113	0	-6.3	-20.9	-44.9	-79.3	-125.1	0	-11.5	-32.3	-63.6	-106.3	–	–
8mm Mauser (8 x 57)	X8MM	170	Power-Point	D	2	24	2360	1969	1622	1333	1123	997	2102	1463	993	671	476	375	0.5	0	-2.7	-8.2	-17.0	-29.8	1.8	0	-4.5	-12.4	-24.3	-63.8	-130.7
▷ 325 WSM	X325WSM	220	Power-Point	D, O/P, L	3	24	2840	2605	2382	2169	1968	1779	3941	3316	2772	2300	1893	1547	-0.2	0	-1.1	-3.6	-7.7	-13.4	1.8	1.6	0	-3.1	-8.0	-23.3	-47.6
338 Winchester Mag.	X3381	200	Power-Point	D, O/P, L	3	24	2960	2658	2375	2110	1862	1635	3890	3137	2505	1977	1539	1187	0.5	0.9	0	-2.3	-6.1	-11.6	2.0	1.7	0	-3.2	-8.2	-24.3	-50.4
348 Winchester	X3483	200	Silvertip	D	3	24	2520	2215	1931	1672	1443	1293	2820	2178	1656	1241	925	697	0.3	0	-2.1	-6.2	-12.7	-21.9	1.4	0	-3.4	-9.2	-17.7	-44.4	-87.9
35 Remington	X35R1	200	Power-Point	D	2	24	2020	1646	1335	1114	985	901	1812	1203	791	551	431	360	0.9	0	-4.1	-12.1	-25.1	-43.9	2.7	0	-6.7	-18.3	-35.8	-92.8	–
356 Winchester	X3561	200	Power-Point	D	2	24	2460	2114	1797	1517	1284	1113	2688	1985	1434	1022	732	550	0.4	0	-2.3	-7.0	-14.3	-24.7	1.6	0	-3.8	-10.4	-20.1	-51.2	-102.3
357 Magnum #	X3574P	158	Jacketed H. P.	V, D	2	20	1830	1427	1138	980	883	809	1175	715	454	337	274	229	0	-2.4	-9.1	-21.0	-39.2	-64.3	0	-5.5	-16.2	-33.1	-57.0	-128.3	–
357 Magnum #	X3575P	158	Jacketed H. P.	V, D	2	20	1830	1427	1138	980	883	809	1175	715	454	337	274	229	0	-2.4	-9.1	-21.0	-39.2	-64.3	0	-5.5	-16.2	-33.1	-57.0	-128.3	–
358 Winchester	X3581	200	Silvertip	D	3	24	2490	2171	1876	1610	1379	1194	2753	2093	1563	1151	844	633	0.4	0	-2.2	-6.5	-13.3	-23.0	1.5	0	-3.6	-9.7	-18.6	-47.2	-94.1
375 Winchester	X375W	200	Power-Point	D	2	24	2200	1841	1526	1268	1089	980	2150	1506	1034	714	527	427	0.6	0	-3.2	-9.5	-19.5	-33.8	2.1	0	-5.2	-14.1	-27.4	-70.1	-138.1
38-40 Winchester	X3840	180	Soft Point	D	2	24	1160	999	901	827	764	710	538	399	324	273	233	201	0	-6.7	-22.2	-47.3	-83.2	-130.8	0	-12.1	-33.9	-66.4	-110.6	–	–
38-55 Winchester	X3855	255	Soft Point	D	2	24	1320	1190	1091	1018	963	917	987	802	674	587	525	476	0	-4.7	-15.4	-32.7	-57.2	-89.3	0	-8.4	-23.4	-45.6	-75.2	–	–
44 Remington Mag. #	X44MHSP2	240	Hollow Soft Point	D	2	20	1760	1362	1094	953	861	789	1650	988	638	484	395	332	0	-2.7	-10.2	-23.6	-44.2	-73.3	0	-6.1	-18.1	-37.4	-65.1	–	–
44-40 Winchester	X4440	200	Soft Point	D	2	24	1190	1006	900	822	756	699	629	449	360	300	254	217	0	-6.5	-21.6	-46.3	-81.8	-129.1	0	-11.8	-33.3	-65.5	-109.5	–	–
45-70 Government	X4570H	300	Jacketed H. P.	D	2	24	1880	1650	1425	1235	1105	1010	2355	1815	1355	1015	810	680	0	-2.4	-8.2	-17.6	-31.4	-51.5	0	-4.6	-12.8	-25.4	-44.3	-95.5	–
458 Winchester Mag.	X4581	510	Soft Point	L, XL	3	24	2040	1770	1527	1319	1157	1046	4712	3547	2640	1970	1516	1239	0.8	0	-3.5	-10.3	-20.8	-35.6	2.4	0	-5.6	-14.9	-28.5	-71.5	–

USA Brand Centerfire Rifle Ballistics

Cartridge	Symbol	Bullet Wt. Grs.	Bullet Type	Rounds Per Box	Barrel Length (In.)	Velocity in Feet Per Second (fps)						Energy in Foot Pounds (ft-lbs.)						Trajectory, Short Range Yards						Trajectory, Long Range Yards						
						Muzzle	100	200	300	400	500	Muzzle	100	200	300	400	500	50	100	150	200	250	300	100	150	200	250	300	400	500
223 Remington	USA2232	45	Jacketed H. P.	40	24	3600	3033	2533	2085	1687	1356	1295	919	641	434	284	184	-0.4	0	-0.6	-2.3	-5.4	-10.1	1.2	1.1	0	-2.5	-6.7	-21.4	-48.7
223 Remington	USA2232F	45	Jacketed H. P.	50	24	3600	3033	2533	2085	1687	1356	1295	919	641	434	284	184	-0.4	0	-0.6	-2.3	-5.4	-10.1	1.2	1.1	0	-2.5	-6.7	-21.4	-48.7
223 Remington	USA223RF	55	Pointed Soft Point	50	24	3240	2747	2304	1904	1554	1270	1282	921	648	443	295	197	-0.3	0	-0.9	-3.2	-7.1	-13.0	1.6	1.5	0	-3.1	-8.2	-26.2	-58.7
223 Remington	USA223R1	55	Full Metal Jacket	20	24	3240	2854	2499	2172	1869	1597	1282	995	763	576	427	311	-0.3	0	-0.8	-2.8	-6.2	-11.2	1.4	1.3	0	-2.7	-7.0	-21.4	-45.9
223 Remington	USA223R1F	55	Full Metal Jacket	50	24	3240	2854	2499	2172	1869	1597	1282	995	763	576	427	311	-0.3	0	-0.8	-2.8	-6.2	-11.2	1.4	1.3	0	-2.7	-7.0	-21.4	-45.9
223 Remington	USA223R3	62	Full Metal Jacket	20	24	3100	2762	2448	2155	1884	1636	1323	1050	825	640	488	368	-0.2	0	-0.9	-3.1	-6.7	-12.0	1.5	1.4	0	-2.9	-7.4	-22.3	-47.1
22-250 Remington	USA222502	45	Jacketed H. P.	40	24	4000	3346	2781	2281	1837	1458	1598	1118	773	520	337	212	-0.4	0	-0.4	-1.6	-4.1	-7.8	0.8	0.9	0	-2.0	-5.4	-17.5	-40.2
5.56mm	Q3131A	55	Full Metal Jacket	20	24	3270	2898	2555	2238	1943	1675	1306	1025	797	611	461	342	0	0	-1.0	-3.3	-6.8	-11.9	1.6	1.4	0	-2.7	-7.0	-21.0	-44.2
30 Carbine	Q3132	110	Full Metal Jacket	50	20	1990	1596	1279	1070	952	870	967	622	399	280	221	185	0.9	0	-4.5	-13.0	-26.9	-47.4	6.5	5.4	0	-10.7	-27.9	-86.0	–
7.62 x 39mm	Q3174	123	Full Metal Jacket	20	20	2355	2026	1726	1463	1247	1093	1515	1121	814	584	425	326	0.5	0	-2.6	-4.6	-15.8	-27.1	3.8	3.2	0	-6.1	-15.6	-47.6	-102.0
30-06 Springfield	USA3006	147	Full Metal Jacket	20	24	3020	2794	2579	2374	2178	1992	2976	2548	2171	1839	1549	1295	-0.2	0	-0.9	-3.0	-6.4	-11.2	1.5	1.3	0	-2.7	-6.7	-19.6	-39.9
308 Winchester	USA308T	147	Full Metal Jacket	20	24	2800	2582	2374	2176	1987	1812	2559	2176	1840	1545	1289	1072	-0.1	0	-1.2	-3.7	-7.8	-13.6	1.9	1.6	0	-3.2	-8.0	-23.5	-46.6
7.62 x 54R	MC76254R	180	Full Metal Jacket	20	20	2580	2401	2230	2066	1909	1760	2658	2304	1987	1706	1457	1238	-	0	-	-5.1	-	-17.3	2.6	-	0	-	-9.6	-27.3	-54.6
7.62 x 54R	MC54RSP	180	Soft Point	20	20	2625	2302	2003	1729	1485	1281	2751	2117	1603	1195	882	655	-	0	-	-5.7	-	-20.1	2.9	-	0	-	-11.6	-34.9	-74.1

CXP® Guide

VARMINTS CXP1 — Rapid expansion or fragmentation on impact.

LIGHT, THIN-SKINNED GAME CXP2 — Rapid, controlled expansion. Penetrates thin skin, light muscle and bone.

LARGE, HEAVY GAME CXP3 — Delayed, controlled expansion. Deep penetration through thick, tough skin, heavy muscle tissue & bone.

EXTRA LARGE, DANGEROUS AFRICAN GAME CXP4 — Built to penetrate thick extra tough hide, heavy bone and powerful muscle tissue.

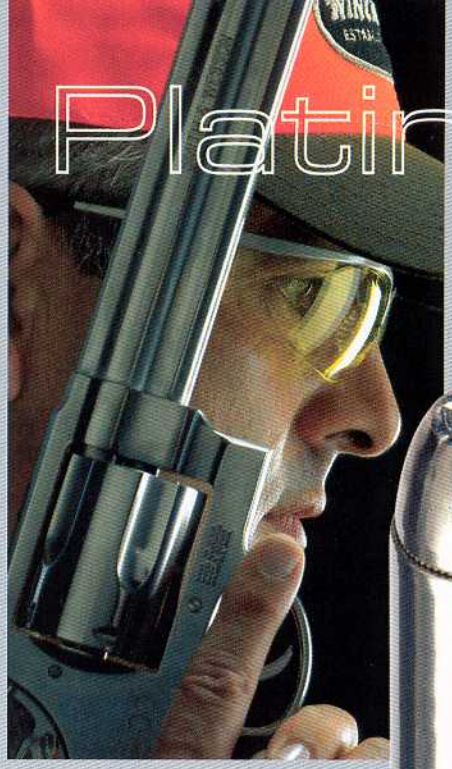
CXP Class	Examples	Game Selector
1	Prairie Dog, Coyote, Woodchuck	V—Varmint
2	Antelope, Deer, Black bear	D—Deer
3	Large, heavy game	L—Large Game
4	Cape Buffalo, Elephant	XL—Extra Large Game
		O/P—Open or Plains

** Intended for use in fast twist barrels (e.g., 1 in 7 to 1 in 9). Slower twist barrels may not sufficiently stabilize bullet.

Acceptable for use in pistols and revolvers also.

▷ New Product/Offering

Platinum Tip



Platinum Tip

Platinum Tip™ is the latest high performance handgun hunting ammunition from Winchester. Designed from the ground up to meet the performance needs of serious handgun hunters, the Platinum Tip bullet features Winchester's patented, thick wall reverse-taper jacket design and strategic lead core and jacket notching with a specially designed two-part hollow-point cavity for uniform bullet expansion, weight retention, and massive energy deposit. Supreme® Platinum Tip handgun hunting ammunition—the ultimate handgun hunting cartridge.

Cartridge	Users Guide	Bullet Wt.
41 Remington Mag	Hunting	240 gr.
44 Remington Mag	Hunting	250 gr.
454 Casull®	Hunting	260 gr.
NEW 500 Smith & Wesson	Hunting	400 gr.

- ☐ Patented notched reverse taper bullet jacket
- ☐ Plated heavy wall jacket and 2-part hollow point cavity for uniform bullet expansion
- ☐ Massive energy deposit
- ☐ High accuracy

SUPREME®

Partition Gold

Partition Gold

Supreme® Partition Gold® handgun ammunition gives hunters a greater edge in the field–regardless of handgun barrel length or distance to the target. Key to this performance edge is the specially designed Partition Gold bullet which promotes low velocity expansion while resisting petal loss at higher velocities. Add a heavy bullet wall thickness to provide integrity against high velocity impact, a solid partition mid-section to lock the rear core in place, and a precise bullet heel shape to deliver excellent accuracy–and you have the ideal choice for your handgun hunting needs.

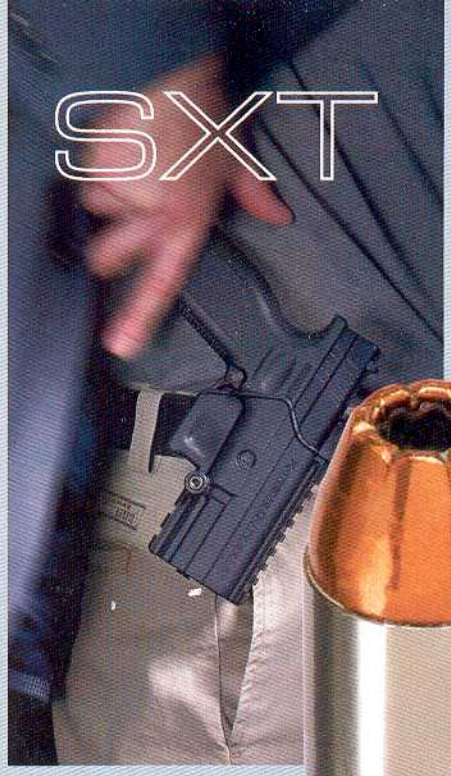
Cartridge	Users Guide	Bullet Wt.
357 Magnum	Hunting	180 gr.
44 Remington Mag	Hunting	250 gr.
45 Winchester Mag	Hunting	260 gr.
454 Casull®	Hunting	260 gr.

- Proven partition technology
- Consistent, dramatic bullet expansion
- Deep penetration regardless of barrel length
- Maximum weight retention
- Extremely accurate

Jacketed Soft/Hollow Point

Cartridge	Users Guide	Bullet Wt.
357 Magnum	Hunting	125 gr.
357 Magnum	Hunting	158 gr.
44 Remington Mag	Hunting	240 gr.
45 Winchester Mag	Hunting	260 gr.
454 Casull®	Hunting	250 gr.
454 Casull®	Hunting	300 gr.

- Positive expansion
- Proven accuracy
- Notched jacket

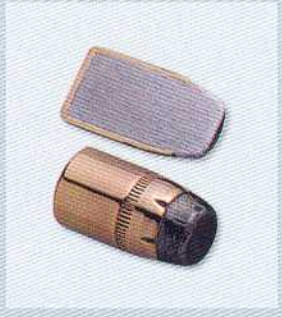


SXT

From its inception, SXT® ammunition was designed to be the ultimate high-tech, high performance handgun ammunition to meet the critical requirements of personal protection–regardless of the caliber or handgun barrel length used. Featuring Winchester's patented, reverse-taper jacketed hollow point bullet design and advanced two-stage hollow point cavity configuration, Supreme® SXT delivers superior accuracy, dramatic expansion, optimum depth of penetration for maximum energy deposit, and minimum weight loss and bullet fragmentation.

Cartridge	Users Guide	Bullet Wt.
380 Automatic	Personal Protection	95 gr.
38 Special + P	Personal Protection	130 gr.
9mm Luger	Personal Protection	147 gr.
40 Smith & Wesson	Personal Protection	165 gr.
40 Smith & Wesson	Personal Protection	180 gr.
45 Automatic	Personal Protection	230 gr.

- ☐ Reverse taper jacket design
- ☐ Uniform bullet expansion
- ☐ Excellent accuracy
- ☐ Positive functioning

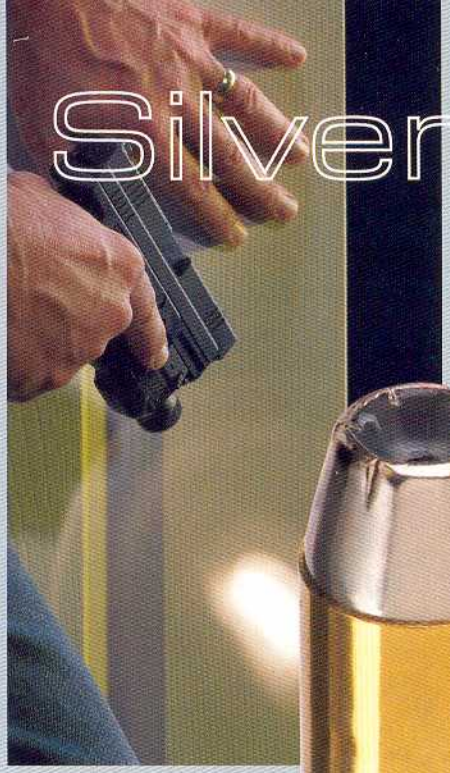


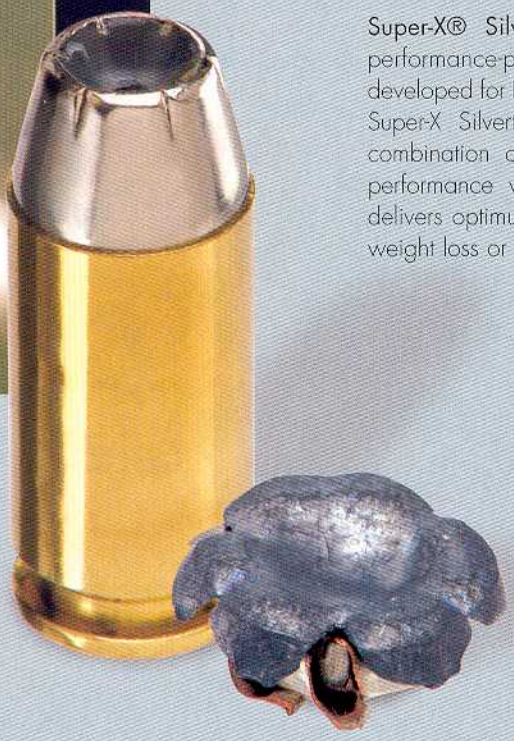
Jacketed Soft/Hollow Point

Cartridge	Users Guide	Bullet Wt.
38 Special + P	Personal Protection	125 gr.
38 Special	Personal Protection	125 gr.
9mm Luger	Personal Protection	115 gr.
9mm Luger	Personal Protection	147 gr.
9 x 23 Winchester	Personal Protection	124 gr.
357 SIG	Personal Protection	125 gr.
357 Magnum	Personal Protection	110 gr.
40 Smith & Wesson	Personal Protection	180 gr.
45 G.A.P.	Personal Protection	230 gr.
45 Automatic	Personal Protection	230 gr.

- ☐ Positive expansion
- ☐ Proven accuracy
- ☐ Notched jacket

Silvertip





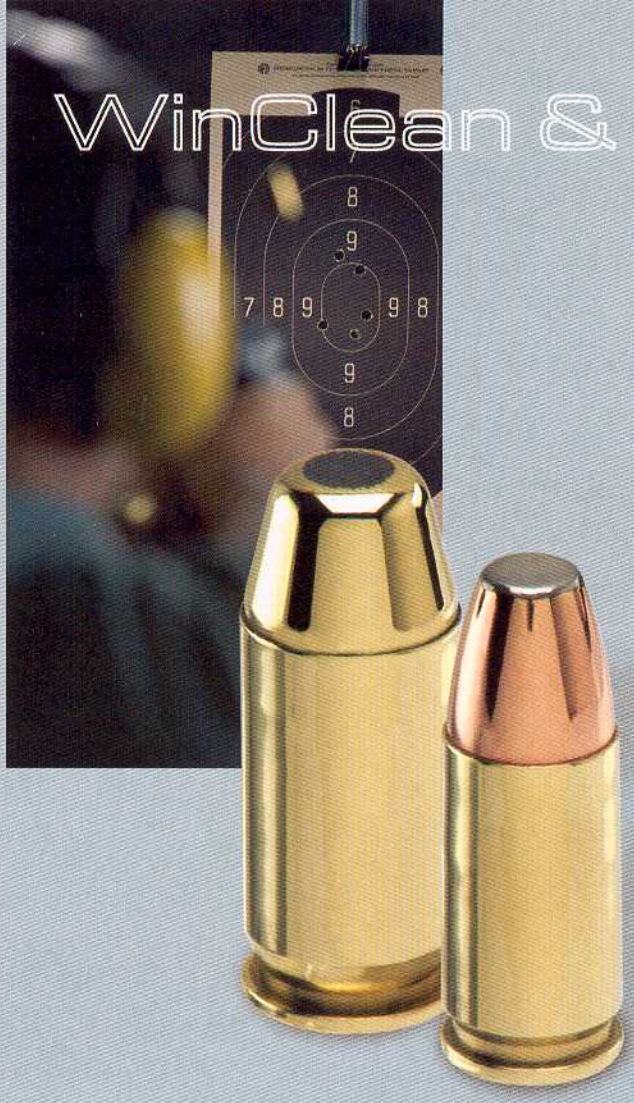
Silvertip

Super-X® Silvertip® remains one of the most dependable and performance-proven handgun cartridges ever created. Originally developed for Law Enforcement to replace traditional hollow point bullets, Super-X Silvertip handgun ammunition continues to offer a unique combination of power, precision, reliable functioning, and on-target performance via a specially engineered jacketed bullet. This bullet delivers optimum penetration and rapid energy release with virtually no weight loss or bullet fragmentation.

Cartridge	Users Guide	Bullet Wt.
32 Automatic	Personal Protection	60 gr.
380 Automatic	Personal Protection	85 gr.
38 Special	Personal Protection	110 gr.
38 Special + P	Personal Protection	125 gr.
38 Super + P	Personal Protection	125 gr.
9mm Luger	Personal Protection	115 gr.
9mm Luger	Personal Protection	147 gr.
9 x 23 Winchester	Personal Protection	125 gr.
357 Magnum	Personal Protection	145 gr.
40 Smith & Wesson	Personal Protection	155 gr.
10mm Automatic	Personal Protection	175 gr.
41 Remington Mag	Personal Protection	175 gr.
44 S & W Special	Personal Protection	200 gr.
44 Remington Mag	Hunting/PP	210 gr.
45 G.A.P.	Personal Protection	185 gr.
45 Automatic	Personal Protection	185 gr.
45 Colt	Personal Protection	225 gr.

- Rapid energy deposit
- Positive functioning
- Uniform expansion
- High accuracy

WinClean & Super Clean NT



WinClean

When you're shooting at indoor ranges, the **WinClean®** cartridge's patented lead and heavy-metal free primers, brass enclosed base bullets and clean-burning propellants not only eliminate airborne lead at the firing point, they also generate less barrel, action and shellcase residue.

Super Clean NT

Winchester® Super Clean NT® was the first commercial handgun ammunition ever developed to meet the totally non-toxic needs of indoor ranges. By featuring a 100% lead free jacketed soft point tin core bullet, Super Clean NT shoots and performs like lead and delivers superior accuracy and function in all handguns.

WinClean

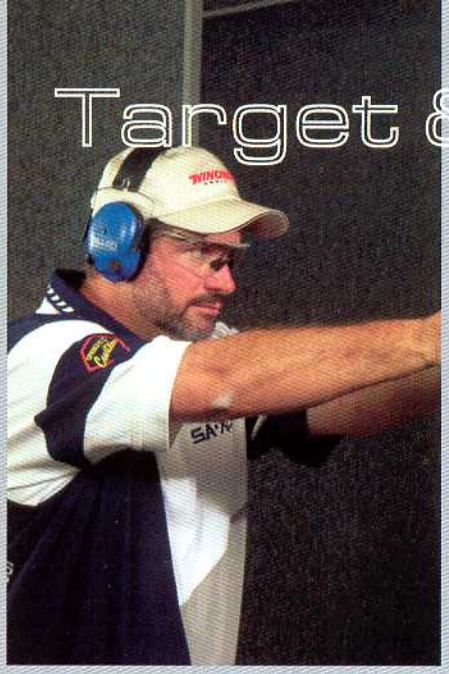
Cartridge	Users Guide	Bullet Wt.
380 Automatic	Target	95 gr.
38 Special	Target	125 gr.
9mm Luger	Target	115 gr.
9mm Luger	Target	124 gr.
9mm Luger	Target	147 gr.
357 SIG	Target	125 gr.
357 Magnum	Target	125 gr.
40 Smith & Wesson	Target	165 gr.
40 Smith & Wesson	Target	180 gr.
45 G.A.P.	Target	230 gr.
45 Automatic	Target	185 gr.
45 Automatic	Target	230 gr.

- ☐ Lead & heavy-metal free primer
- ☐ Excellent accuracy
- ☐ Brass Enclosed Base eliminates lead vaporization from bullet base
- ☐ No lead barrel fouling
- ☐ Positive Functioning

Super Clean NT

Cartridge	Users Guide	Bullet Wt.
38 Special	Target	110 gr.
9mm Luger	Target	105 gr.
357 SIG	Target	105 gr.
357 Magnum	Target	110 gr.
40 Smith & Wesson	Target	140 gr.
45 Automatic	Target	170 gr.

- ☐ Lead & heavy-metal free primer
- ☐ 100% Non-toxic tin core bullet
- ☐ Performs like lead
- ☐ Superior accuracy
- ☐ Positive functioning



Target & Range Loads

USA

For serious centerfire handgun shooters, USA brand ammunition is the ideal choice for training—or extended sessions at the range. As you'd expect, all USA Brand centerfire handgun ammunition features high quality, performance and reliability at a low price.

Full Metal Jacket

Cartridge	Users Guide	Bullet Wt.
25 Automatic	Target	50 gr.
30 Luger (7.65mm)	Target	93 gr.
32 Automatic	Target	71 gr.
380 Automatic	Target	95 gr.
38 Super + P	Target	130 gr.
38 Special	Target	130 gr.
9mm Luger	Target	115 gr.
9mm Luger	Target	124 gr.
9mm Luger	Target	147 gr.
357 SIG	Target	125 gr.
40 Smith & Wesson	Target	165 gr.
40 Smith & Wesson	Target	180 gr.
45 G.A.P.	Target	230 gr.
45 Automatic	Target	185 gr.
45 Automatic	Target	230 gr.

- ☐ Positive functioning
- ☐ No expansion
- ☐ Good accuracy
- ☐ Reduced barrel fouling

Lead

Cartridge	Users Guide	Bullet Wt.
32 Short Colt	Target	80 gr.
32 Smith & Wesson	Target	85 gr.
32 Smith & Wesson	Target	98 gr.
38 Smith & Wesson	Target	145 gr.
38 Special	Target	148 gr.
38 Special	Target	150 gr.
38 Special	Target	158 gr.
38 Special + P	Target	158 gr.
44 S & W Special	Target	246 gr.
45 Colt	Target	255 gr.

- ☐ Match-grade accuracy
- ☐ Consistent performance
- ☐ Clean target signature

Cowboy Action

Cartridge	Users Guide	Bullet Wt.
38 Special	Target	158 gr.
44-40 Winchester	Target	225 gr.
44 Special	Target	240 gr.
45 Colt	Target	250 gr.

- ☐ High accuracy
- ☐ Lubricated bullet
- ☐ Consistent performance

Centerfire Handgun Ballistics

Supreme®

Cartridge	Symbol	Bullet Wt. Grs.	Type	User Guide	Velocity (fps)–Yards Muzzle	50	100	Energy (ft-lbs.)–Yards Muzzle	50	100	Mid-Range Traj. (In.)–Yards 50	100	Barrel Length In.
380 Automatic	S380	95	SXT®	PP	955	889	835	192	167	147	1.3	5.5	3-3/4
38 Special + P	S38SP	130	SXT	PP	925	887	852	247	227	210	1.3	5.5	4V
9mm Luger	S9	147	SXT	PP	990	947	909	320	293	270	1.2	4.8	4
40 Smith & Wesson	S401	165	SXT	PP	1130	1041	977	468	397	349	0.9	4.0	4
40 Smith & Wesson	S40	180	SXT	PP	1010	954	909	408	364	330	1.1	4.8	4
45 Automatic	S45	230	SXT	PP	880	846	816	396	366	340	1.5	6.1	5
357 Magnum #	S357P	180	Partition Gold®	H	1180	1088	1020	557	473	416	0.8	3.6	8V
41 Rem Magnum #	S41PTHP	240	Platinum Tip®	H	1250	1151	1075	833	706	616	0.8	3.3	6-1/2V
44 Rem Magnum #	S44PTHP	250	Platinum Tip	H	1250	1148	1070	867	732	635	0.8	3.3	6-1/2V
44 Rem Magnum #	S44MP	250	Partition Gold	H	1230	1132	1057	840	711	620	0.8	2.9	6-1/2V
45 Winchester Magnum	SPG45WM	260	Partition Gold	H	1200	1105	1033	832	705	617	0.8	3.5	5
454 Casull®	S454PTHP	260	Platinum Tip	H	1800	1596	1414	1870	1470	1154	0.4	1.7	7-1/2V
454 Casull®	SPG454	260	Partition Gold	H	1800	1605	1427	1871	1485	1176	0.4	1.7	7-1/2V
▻ 500 Smith & Wesson	S500PTHP	400	Platinum Tip	H	1800	1647	1505	2877	2409	2012	0.4	1.6	10

Super-X®

25 Automatic	X25AXP	45	Expanding Point	PP	815	729	655	66	53	42	1.8	7.7	2
30 Luger (7.65mm)	X30LP	93	Full Metal Jacket	T	1220	1110	1040	305	255	225	0.9	3.5	4-1/2
30 Carbine	X30M1	110	Hollow Soft Point	H	1790	1601	1430	783	626	500	0.4	1.7	10
32 Smith & Wesson	32BLZP	Blk.Pwd.	Blank										
32 Smith & Wesson	X32SWP	85	Lead-Round Nose	T	680	645	610	90	81	73	2.5	10.5	3
32 Smith & Wesson Long	X32SWLP	98	Lead-Round Nose	T	705	670	635	115	98	88	2.3	10.5	4
32 Short Colt	X32SCP	80	Lead-Round Nose	T	745	665	590	100	79	62	2.2	9.9	4
32 Automatic	X32ASHP	60	Silvertip® HP	PP	970	895	835	125	107	93	1.3	5.4	4
38 Smith & Wesson	X38SWP	145	Lead-Round Nose	T	685	650	620	150	135	125	2.4	10.0	4
380 Automatic	X380ASHP	85	Silvertip HP	PP	1000	921	860	189	160	140	1.2	5.1	3-3/4
38 Special	38SBLP	Smokeless	Blank	–	–	–	–	–	–	–	–	–	–
38 Special	X38S9HP	110	Silvertip HP	PP	945	894	850	218	195	176	1.3	5.4	4V
38 Special Super Match®	X38SMRP	148	Lead-Wad Cutter	T	710	634	566	166	132	105	2.4	10.8	4V
38 Special	X38S1P	158	Lead-Round Nose	T	755	723	693	200	183	168	2.0	8.3	4V
38 Special	X38WCPSV	158	Lead-Semi WC	T	755	721	689	200	182	167	2.0	8.4	4V
38 Special + P	X38S7PH	125	Jacketed HP	PP	945	898	858	248	224	204	1.3	5.4	4V
38 Special + P	X38S8HP	125	Silvertip HP	PP	945	898	858	248	224	204	1.3	5.4	4V
38 Special + P	X38SPD	158	Lead-Semi WC HP	PP	890	855	823	278	257	238	1.4	6.0	4V
9mm Luger	X9MMSHP	115	Silvertip HP	PP	1225	1095	1007	383	306	259	0.8	3.6	4
9mm Luger	X9MMST147	147	Silvertip HP	PP	1010	962	921	333	302	277	1.1	4.7	4
38 Super Automatic + P	X38ASHP	125	Silvertip HP	T/PP	1240	1130	1050	427	354	306	0.8	3.4	5
9 X 23 Winchester	X923W	125	Silvertip HP	T/PP	1450	1249	1103	583	433	338	0.6	2.8	5
357 Magnum	X3576P	125	Jacketed HP	PP	1450	1240	1090	583	427	330	0.6	2.8	4V
357 Magnum	X357SHP	145	Silvertip HP	PP	1290	1155	1060	535	428	361	0.8	3.5	4V
357 Magnum #	X3574P	158	Jacketed HP	H/PP	1235	1104	1015	535	428	361	0.8	3.5	4V
357 Magnum #	X357SP	158	Jacketed Soft Point	H/PP	1235	1104	1015	535	428	361	0.8	3.5	4V
40 Smith & Wesson	X40SWSTHP	155	Silvertip HP	PP	1205	1096	1018	500	414	357	0.8	3.6	4
10mm Automatic	X10MMSTHP	175	Silvertip HP	PP	1290	1141	1037	649	506	418	0.7	3.3	5-1/2
41 Remington Magnum	X41MSTHP2	175	Silvertip HP	H/PP	1250	1120	1029	607	488	412	0.8	3.4	4V
44 Smith & Wesson Special	X44STHPS2	200	Silvertip HP	PP	900	860	822	360	328	300	1.4	5.9	6-1/2
44 Smith & Wesson Special	X44SP	246	Lead-Round Nose	T	755	725	695	310	285	265	2.0	8.3	6-1/2
44 Remington Magnum	X44MS	210	Silvertip HP	H/PP	1250	1106	1010	729	570	475	0.8	3.5	4V
44 Remington Magnum #	X44MHSP2	240	Hollow Soft Point	H	1180	1081	1010	741	623	543	0.9	3.7	4V
45 G.A.P.	X45GSHP	185	Silvertip HP	PP	1000	938	887	411	361	323	1.1	4.9	5
45 Automatic	X45ASHP2	185	Silvertip HP	PP	1000	938	887	411	361	323	1.1	4.9	5
45 Colt	X45CSHP2	225	Silvertip HP	PP	920	877	839	423	384	352	1.4	5.6	5-1/2
45 Colt	X45CP2	255	Lead-Round Nose	T	860	820	780	420	380	345	1.5	6.1	5-1/2
45 Winchester Magnum	X45WMA	260	Jacketed HP	H	1200	1099	1026	831	698	607	0.8	3.6	5
454 Casull®	X454C3	250	Jacketed HP	H	1300	1151	1047	938	735	608	0.7	3.2	7-1/2V
454 Casull®	X454C22	300	Jacketed Flat Point	H	1625	1451	1308	1759	1413	1141	0.5	2.0	7-1/2V

Super Clean NT®

38 Special	SC38NT	110	Jacketed Flat Point	T	975	906	849	232	201	176	0.2	3.7	4V
9mm Luger	SC9NT	105	Jacketed Flat Point	T	1200	1074	989	336	269	228	0.8	3.7	4
357 Magnum	SC357NT	110	Jacketed Flat Point	T	1275	1105	998	397	298	243	0.8	3.5	4V
357 SIG	SC357SNT	105	Jacketed Flat Point	T	1370	1179	1050	438	324	257	0.7	3.1	4
40 Smith & Wesson	SC40NT	140	Jacketed Flat Point	T	1155	1039	960	415	336	286	1.2	5.3	4
45 Automatic	SC45NT	170	Jacketed Flat Point	T	1050	982	928	416	364	325	0.9	0.4	4

▻ New Product/Offering

V-Data is based on velocity obtained from vented test barrels for revolver cartridges (38 Special, 357 Magnum, 41 Rem. Mag., 44 Rem. Mag. and 454 Casull®). Specifications are nominal. Test barrels are used to determine ballistics figures. Individual firearms may differ from test barrel statistics.

+P Ammunition with (+P) on the case head stamp is loaded to higher pressure. Use only in firearms designated for this cartridge and so recommended by the gun manufacturer.

#Acceptable for use in rifle hunting applications.

SUPER X®

SUPREME®

USA Brand Centerfire Handgun

Cartridge	Symbol	Bullet Wt. Grs.	User Guide	Type	Velocity (fps) Muzzle	Velocity (fps) 50 Yds.	Energy (ft-lbs.) Muzzle	Energy (ft-lbs.) 50 Yds.
25 Automatic	Q4203	50 gr.	T	Full Metal Jacket	760	707	64	56
32 Automatic	Q4255	71 gr.	T	Full Metal Jacket	905	855	129	115
380 Automatic	Q4206	95 gr.	T	Full Metal Jacket	955	865	190	160
38 Super Automatic +P	Q4205	130 gr.	T	Full Metal Jacket	1215	1099	426	348
38 Special	USA38SP	125 gr.	T	Jacketed Flat Point	850	804	201	179
38 Special	Q4171	130 gr.	T	Full Metal Jacket	800	765	185	169
38 Special	Q4196	150 gr.	T	Lead Round Nose	845	812	238	219
38 Special +P	USA38JHP	125 gr.	PP	Jacketed Hollow Point	945	898	248	224
7.62 X 25 Tokarev	MC762TOK	85 gr.	T	Full Metal Jacket	1645	1311	511	323
9mm Luger	USA9JHP	115 gr.	PP	Jacketed Hollow Point	1225	1095	383	306
9mm Luger	USA9JHP2	147 gr.	PP	Jacketed Hollow Point	990	945	320	291
9mm Luger	Q4172	115 gr.	T	Full Metal Jacket	1190	1071	362	293
9mm Luger (100 Rnd Value Pack)	USA9MMVP	115 gr.	T	Full Metal Jacket	1190	1071	362	293
9mm Luger	USA9MM	124 gr.	T	Full Metal Jacket	1140	1050	358	303
9mm Luger	USA9MM1	147gr.	T	Full Metal Jacket-Flat Nose	990	945	320	292
9mm Makarov	MC918M	95 gr.	T	Full Metal Jacket	1015	933	216	182
9x23mm Win	Q4304	124 gr.	T	Jacketed Flat Point	1460	1308	587	471
357 SIG	USA357SJHP	125 gr.	PP	Jacketed Hollow Point	1350	1185	506	390
357 SIG	Q4309	125gr.	T	Full Metal Jacket-Flat Nose	1350	1185	506	390
357 Magnum	Q4204	110gr.	PP	Jacketed Hollow Point	1295	1095	410	292
40 Smith & Wesson	USA40SW	165 gr.	T	Full Metal Jacket-Flat Nose	1060	1001	412	367
40 Smith & Wesson	USA40JHP	180 gr.	PP	Jacketed Hollow Point	1010	954	408	364
40 Smith & Wesson	Q4238	180 gr.	T	Full Metal Jacket	990	943	391	356
44 Rem Magnum	Q4240	240 gr.	H	Jacketed Soft Point	1180	1081	741	623
45 G.A.P.	USA45G	230 gr.	T	Full Metal Jacket	850	814	369	338
45 G.A.P.	USA45GJHP	230 gr.	PP	Jacketed Hollow Point	880	842	396	363
45 Automatic	USA45A	185 gr.	T	Full Metal Jacket-Flat Nose	970	861	340	304
45 Automatic	USA45JHP	230 gr.	PP	Jacketed Hollow Point	880	842	396	363
45 Automatic	Q4170	230 gr.	T	Full Metal Jacket	835	800	356	326

WinClean®

Cartridge	Symbol	Bullet Wt. Grs.	User Guide	Type	Velocity (fps) Muzzle	Velocity (fps) 50 Yds.	Energy (ft-lbs.) Muzzle	Energy (ft-lbs.) 50 Yds.
380 Automatic	WC3801	95 gr.	T	Brass Enclosed Base	955	881	192	164
38 Special	WC381	125 gr.	T	Jacketed Flat Point	775	742	167	153
9mm Luger	WC91	115 gr.	T	Brass Enclosed Base	1190	1088	362	302
9mm Luger	WC92	124 gr.	T	Brass Enclosed Base	1130	1049	352	303
9mm Luger	WC93	147 gr.	T	Brass Enclosed Base	990	945	320	291
357 SIG	WC357SIG	125 gr.	T	Brass Enclosed Base	1350	1183	506	388
357 Magnum	WC3571	125 gr.	T	Jacketed Flat Point	1370	1183	521	389
40 Smith & Wesson	WC401	165 gr.	T	Brass Enclosed Base	1130	1054	468	407
40 Smith & Wesson	WC402	180 gr.	T	Brass Enclosed Base	990	943	392	356
45 G.A.P.	WC45G	230 gr.	T	Brass Enclosed Base	875	840	391	360
45 Automatic	WC451	185 gr.	T	Brass Enclosed Base	1000	902	411	334
45 Automatic	WC452	230 gr.	T	Brass Enclosed Base	875	840	391	360

Cowboy Loads

Cartridge	Symbol	Bullet Grs.	Wt. Type	User Guide	Velocity (fps) Muzzle	Velocity (fps) 50 Yds.	Velocity (fps) 100Yds.	Energy (ft-lbs.) Muzzle	Energy (ft-lbs.) 50 Yds.	Energy (ft-lbs.) 100 Yds.	Mid-Range Traj. (In.) 50 Yds.	Mid-Range Traj. (In.) 100 Yds.	Barrel Length In.
38 Special	USA38CB	158	Lead	T	800	761	725	225	203	185	1.8	7.5	4
44-40 Winchester	USA4440CB	225	Lead	T	750	723	695	281	261	242	2.0	8.3	4
44 Special	USA44CB	240	Lead	T	750	719	690	300	275	253	2.0	8.4	4
45 Colt	USA45CB	250	Lead	T	750	720	692	312	288	266	2.0	8.4	5

Centerfire Pistol Users Guide

USAGE SYMBOL	PROPERTIES
PERSONAL PROTECTION	-Sure Functioning -Optimum Energy Deposit -Accurate -Controlled Recoil

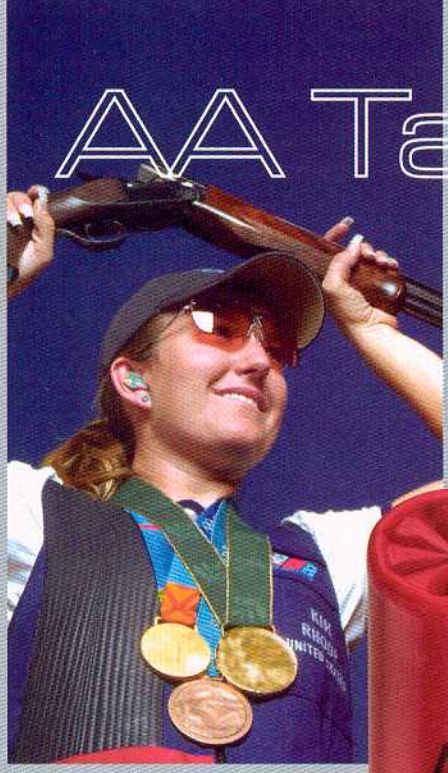
USAGE SYMBOL	PROPERTIES	APPLICATION
HUNTING	-Massive Energy Deposit -Accurate -Optimum Penetration -Consistent Expansion	Thin Skinned Game such as Whitetail Deer and Boar

USAGE SYMBOL	PROPERTIES	APPLICATION
TARGET/RANGE	-Accurate -Sure Functioning -Controlled Recoil	Indoor and Outdoor Range, Plinking, Target and Match

T–Target PP–Personal Protection H–Hunting

▷ New Product/Offering

AA Target



Kim Rhode
–2004 Olympic Women's Double Trap Event Gold Medalist

AA Target Loads

Winchester® AA® shotshells celebrate their 40th anniversary in 2005. For longer than any other target load, AA has set the standard of excellence for target shooting and reloading. From traditional trap and skeet loads to specialized Handicap and Xtra-Lite™, AA is the choice for serious target sports. Winchester is proud to celebrate its 40th anniversary of producing AA with US Shooting Team member Kim Rhode's gold medal performance in Women's Doubles Trap at the 2004 games in Athens, Greece. The US Shooting Team uses Winchester AA shells.

Kim winning the gold medal in Athens with AA is only her latest accomplishment. She is the only Women's Double Trap shooter to win two gold medals and the only Women's Double Trap shooter to win a total of three medals ever! Winchester AA, the choice of the best shooters in the world, and the choice of target shooters the world over for 40 years straight.

- ☐ Hard shot for tight patterns
- ☐ Clean burning AA primer and powder
- ☐ Reloadable High Strength hull
- ☐ Loads for every shooter's need

Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
12	AA12SP	Super Pigeon®	2 3/4	3 1/4	1220	1 1/4	7.5 , 8
12	AAHA12	Super-Handicap®	2 3/4	3	1250	1 1/8	7.5 , 8
12	AAM12	Heavy Target Load	2 3/4	3	1200	1 1/8	7.5 , 8, 9
12	AA12	Light Target Load	2 3/4	2 3/4	1145	1 1/8	7.5 , 8, 8.5, 9
12	AAHLA12	Lite Handicap	2 3/4	3 1/4	1290	1	7.5, 8
12	AAL12	Xtra-Lite™	2 3/4	2 3/4	1180	1	7.5, 8, 8.5, 9
12	AANL12	International	2 3/4	NA	1325	24 grams	7.5, 9
12	AA12FL	Low Recoil/Low Noise	2 3/4	NA	980	26 grams	8
20	AAH20	Heavy Target Load	2 3/4	2 1/2	1165	1	7.5, 8
20	AA20	Target Load	2 3/4	2 1/2	1200	7/8	8, 9
28	AA28	Target Load	2 3/4	2	1200	3/4	8, 9
410	AA41	Target Load	2 1/2	Max	1200	1/2	9

AA 40th Anniversary

AA & Super-Target

AA SuperSport

Sporting clays games offer exciting new challenges for both the large and small gauge competitor. From bouncing rabbit targets to soaring teal and tower targets, sporting clays demand the most from shooter and ammunition. To meet this challenge head on, Winchester offers a complete selection of 12, 20, 28 and 410 gauge shotshells in its **AA® SuperSport** line.

In all gauges, SuperSport loads offer full shot pattern performance at a sizzling 1,300 fps (1,350 fps for the 1 – ounce 12 gauge)! What's more, shot sizes are specifically selected to optimize on-target performance in each gauge and all Super Sport loads use the high performance Winchester AA HS hull. So, if sporting clays is your game, Winchester AA SuperSport loads are the ammunition of choice.

- ☐ High velocity
- ☐ Full shot weights
- ☐ Hard shot for tight patterns
- ☐ Reloadable HS hulls

Super-Target

Super-Target™ shotshell loads—a full line of shotshells designed to give you outstanding clay-busting performance in sporting clays, trap and skeet—all at a highly competitive, value price. No matter what your game, load up with new Super-Target loads from Winchester. Also available in #7 steel shot for ranges with lead restrictions.

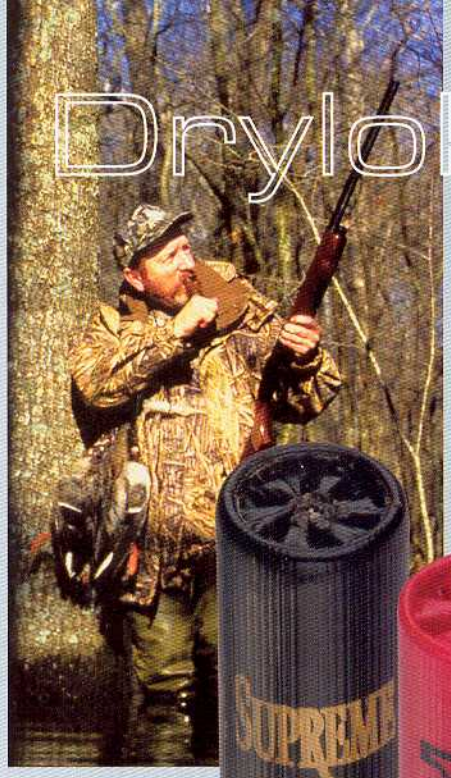
- ☐ Value priced target load
- ☐ Most popular load types
- ☐ Tight patterns

Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
12	AASC12	Sporting Clays	2 3/4	N/A	1300	1 1/8	7.5 , 8, 9
12	AASCL12	Sporting Clays	2 3/4	N/A	1350	1	7.5 , 8
20	AASC20	Sporting Clays	2 3/4	N/A	1300	7/8	7.5 , 8
28	AASC28	Sporting Clays	2 3/4	N/A	1300	3/4	7.5 , 8.5
NEW 410	AASC41	Sporting Clays	2 1/2	N/A	1300	1/2	7.5 , 8, 8.5

12	TRGT12M	Super-Target	2 3/4	3	1200	1 1/8	7.5, 8 Lead
12	TRGT12	Super-Target	2 3/4	2 3/4	1145	1 1/8	7.5, 8 Lead
20	TRGT20	Super-Target	2 3/4	2 1/2	1200	7/8	7.5, 8 Lead
12	TRGT12S	Super-Target	2 3/4	3	1200	1 1/8	7 Steel

AA® SUPER-TARGET™

Drylok Super Steel



Supreme & Super-X Drylok Super Steel Waterfowl Loads

For you, waterfowl hunting isn't a sport . . . it's a passion.

No wonder you only load up with something that'll bring 'em down fast with no questions asked–like **Supreme® High Velocity Drylok Super Steel** or **Super-X® Drylok Super Steel®** shotshells from Winchester.

Supreme High Velocity steel loads are the hardest-hitting steel waterfowl shotshells ever developed by Winchester delivering a steel shot charge at up to 175 feet per second faster than standard waterfowl loads.

Both Supreme High Velocity and Super-X Drylok Super Steel feature our exclusive, two-piece double-seal wad for complete water-resistance and a barrel-protecting shot cup to deliver a heavier load of rust-resistant steel shot to the target–in denser, more powerful patterns.

If waterfowl hunting is your passion, then load up with Winchester steel–the finest, high-performance steel shotshells on the market today.

- Water resistant wad system
- Lacquered primer
- Corrosion resistant shot
- Tight patterns

	Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
	Supreme® High-Velocity Drylok Super Steel® Non-toxic Waterfowl Loads					
	10	SSH10	3 1/2	1450	1 3/8	BBB, BB, 2
NEW	12	SSH12H	3 1/2	1475	1 1/2	BBB, BB, 2, 3
	12	SSH1235	3 1/2	1450	1 3/8	BBB, BB, 2, 3
	12	SSH123	3	1450	1 1/4	BB, 2, 3, 4,

	Super-X® Drylok Super Steel® Non-toxic Plated Magnum Goose Loads					
NEW	10	XSC10	3 1/2	1350	1 5/8	T, BBB, BB, 2
	12	XSC12L	3 1/2	1300	1 9/16	T, BBB
NEW	12	XSC123	3	1400	1 1/4	T, BBB
	Super-X® Drylok Super Steel® Non-toxic Magnum Waterfowl Loads					
	10	XSM10	3 1/2	1260	1 3/4	BB, 2, 3
	12	XSM12L	3 1/2	1300	1 9/16	BB, 1, 2, 3
NEW	12	XSM123	3	1300	1 3/8	BB, 1, 2, 3, 4
NEW	12	XSV123	3	1400	1 1/4	BB, 2, 3, 4
NEW	12	XSM12	2 3/4	1350	1 1/4	BB, 2, 3, 4, 6
	20	XSM203	3	1330	1	2, 3, 4
	Super-X® Drylok Super Steel® Non-toxic Waterfowl & Upland Loads					
	12	XS12	2 3/4	1365	1 1/8	2, 4, 6
	20	XS20	2 3/4	1425	3/4	4, 6

OFFICIAL AMMUNITION
DUCKS UNLIMITED

Xpert Steel

Xpert Steel Waterfowl & Upland Loads

Recognizing the increasing demand for lower cost, high velocity non-toxic loads for waterfowl shooting, Winchester built on the success of **Xpert® Steel** waterfowl loads to create a new family of value priced, high performance steel shotshells. The **Xpert Hi-Velocity** loads deliver a sizzling velocity of up to 1550 fps for an incredible boost in superior, bird-bagging performance. If you plan to shoot a lot this waterfowl season, Xpert Hi-Velocity is the load for you.

With Xpert® Steel shotshells, Winchester started from the ground up to build the most economical loads imaginable. Winchester re-engineered the way steel loads are built and perfected a patented way to manufacture corrosion resistant steel shot. Xpert Steel Shotshells: delivering the performance you expect from Winchester–all at a value price.

- ☐ Up to 1550 fps
- ☐ Value price
- ☐ Corrosion resistant shot
- ☐ Tight patterns

	Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
	Xpert® Hi-Velocity					
	12	WEX12L	3 1/2	1550	1 3/8	BB, 2, 3
NEW	12	WEX123H	3	1400	1 1/4	BB, 1, 2, 3, 4
	12	WEX123	3	1550	1 1/8	BB, 2, 3, 4
	12	WEX12	2 3/4	1550	1 1/16	BB, 2, 3, 4
NEW	12	WEX12H	2 3/4	1400	1 1/8	BB, 2, 3, 4, 6
NEW	20	WEX203	3	1500	7/8	2, 4

Xpert® Heavy Upland and Waterfowl Steel Loads					
12	WE12	2 3/4	1300	1	6, 7
20	WE20	2 3/4	1300	3/4	7
20	WE203	3	1300	7/8	2, 4

OFFICIAL AMMUNITION
DUCKS UNLIMITED

XPERT®

Supreme Turkey

Supreme Turkey Loads

If you demand superior patterning performance and knock down power, then load up with **Supreme® High Velocity** turkey loads—the most technologically advanced, hardest hitting turkey loads ever developed by Winchester. Each load features specialized components and improved powder that develop true magnum energy and a scorching muzzle velocity up to 1300 feet per second.

And, for true magnum payload performance, nothing beats **Supreme Double X® Magnum** turkey loads as the ultimate force in knock-down power.

- Grex buffering for tighest pattern
- Copper-plated hard shot for long range patterning
- Hardest hitting lead
- High velocity

	Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
	Supreme® High-Velocity Turkey Loads–Copperplated, Buffered Shot						
	10	STH10	3 1/2	N/A	1300	2	4, 5, 6
	12	STH1235	3 1/2	N/A	1300	2	4, 5, 6
	12	STH123	3	N/A	1300	1 3/4	4, 5, 6
NEW	12	STH12	2 3/4	N/A	1300	1 1/2	4, 5, 6
NEW	20	STH203	3	N/A	1200	1 5/16	4, 5, 6
	Supreme® Double X® Magnum Turkey Loads–Copperplated, Buffered Shot						
	10	X103XCT	3 1/2	4 1/2	1210	2 1/4	4, 5, 6
	12	XXT12L	3 1/2	N/A	1150	2 1/4	4, 5, 6
	12	X123MXCT	3	N/A	1125	2	4, 5, 6
	12	X12HXCT	2 3/4	N/A	1250	1 5/8	4, 5, 6
NEW	20	X203XCT	3	N/A	1185	1 1/4	4, 5

Super Pheasant

Super-X Super Pheasant Loads

Winchester® Super-X® Super Pheasant loads are a line of high performance, high-velocity shotshells specifically designed for the hard-hitting, long distance needs of pheasant hunters.

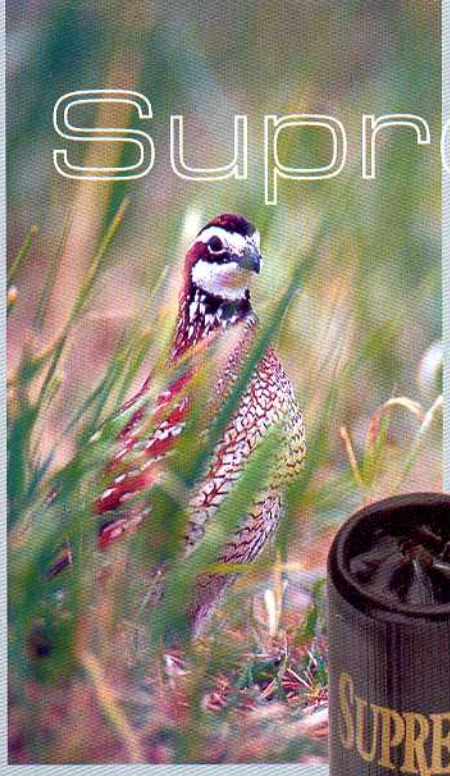
Super-X Super Pheasant loads feature the ideal combination of magnum, heavy charges of hard copper plated shot and sizzling high velocities to deliver the longest range pheasant load available. Available in 12 and 20 gauge, these loads are ideal for hunters demanding tight, long range patterns with hard hitting copper plated shot for deep, heavy feather penetration.

Winchester Super-X Super Pheasant shotshells–offering upland hunters an incredible boost in superior, long-range rooster-bagging performance.

- ☐ Copper-plated/ hard lead shot
- ☐ High velocity
- ☐ Heavy shot weight
- ☐ Long distance power

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Super Pheasant Loads						
12	X12PH	2 3/4	Max	1300	1 3/8	4, 5, 6
NEW 20	X203PH	3	Max	1250	1 1/4	4, 5, 6
20	X20PH	2 3/4	Max	1300	1	5, 6

Supreme Game



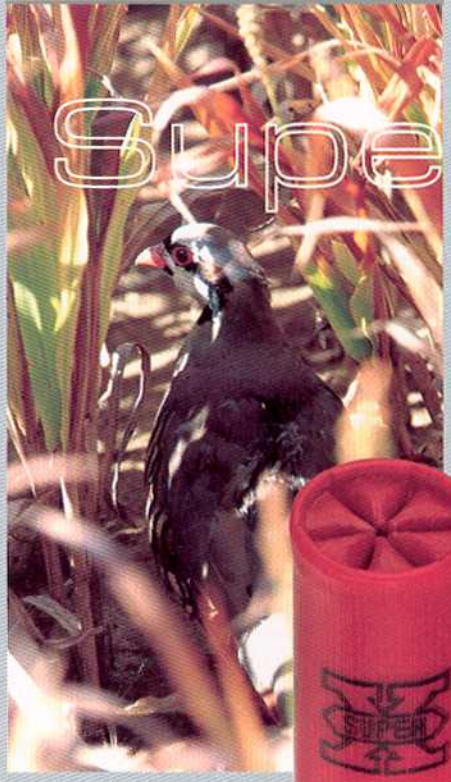
Supreme Game Loads

Supreme® High Velocity field loads set the performance standard for field loads. These high velocity loads feature superior components, specially blended propellants and extra hard, copperplated shot that delivers game stopping pattern performance at velocities up to 1400 feet per second.

And, for true magnum payload performance on pheasants or rabbits at long range, nothing beats **Supreme Double X® Magnum** game loads as the ultimate force in knock-down power.

- Copper-plated shot for long range patterning
- Hardest hitting lead
- High velocity

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Supreme® High Velocity Field Loads–Copperplated Shot						
12	SFH12	2 3/4	N/A	1400	1 1/4	4, 5, 6, 7.5
20	SFH20	2 3/4	N/A	1300	1	4, 5, 6, 7.5
Supreme® Double X® Magnum Game Loads–Copperplated, Buffered Shot						
12	X123XC	3	4	1210	1 7/8	4, 6
12	X12MXC	3	4	1280	1 5/8	4, 6
12	X12XC	2 3/4	3 3/4	1260	1 1/2	4, 5, 6
20	X203XC	3	3	1185	1 1/4	4, 6
20	X20XC	2 3/4	2 3/4	1175	1 1/8	6, 7.5



Super-X Game

Super-X High Brass Game Loads

For those hunters with their hearts set on larger upland birds, load up with **Winchester® Super-X® High Brass** game loads. The high brass construction, combined with a larger charge of specially blended propellant, gives you the faster, harder hitting loads you need for any hunting situation.

- Powerful high brass magnum charge performance
- Tight patterning wad
- Heavy game shot sizes
- Long distance reliability

Super-X Game Loads

Winchester Super-X game loads incorporate top quality components to deliver results–and give you the game-getting edge with reduced recoil, and denser, more consistent patterns in the field. Super-X heavy game loads are designed for those demanding hunters requiring maximum patterning for more difficult wing shooting situations.

- High velocity for fast flying doves and quail
- One Piece plastic wad
- Clean burning
- Reliable ignition

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Pheasant Loads						
12	X12P	2 3/4	N/A	1220	1 1/4	4, 5
Super-X® High Brass Game Loads						
12	X12	2 3/4	3 3/4	1330	1 1/4	4, 5, 6, 7.5, 8, 9
16	X16H	2 3/4	3 1/4	1295	1 1/8	4, 6, 7.5
20	X20	2 3/4	2 3/4	1220	1	4, 6, 7.5, 8
28	X28H	2 3/4	Max	1205	1	5, 6, 7.5, 8
NEW 410	X413H	3	Max	1100	3/4	4, 6, 7.5
410	X413	3	Max	1135	11/16	4, 6, 7.5
410	X41	2 1/2	Max	1245	1/2	4, 6, 7.5
Super-X® Heavy Game/Field Loads						
12	XU12SP	2 3/4	3 1/4	1220	1 1/4	7.5, 8
12	XU12H	2 3/4	3 1/4	1255	1 1/8	4, 6, 7.5, 8
20	XU20H	2 3/4	2 1/2	1165	1	6, 7.5, 8
Super-X® Game Loads						
12	XU12	2 3/4	3 1/4	1290	1	6, 7.5, 8,
16	XU16	2 3/4	2 1/2	1165	1	6, 8
20	XU20	2 3/4	2 1/2	1210	7/8	6, 7.5, 8
Super-X® Trial Popper-Loads®						
12	XP12	2 3/4	NA	NA	Smokeless Powder	Blank
Super-X® Blank Loads						
10	XBP10	2 7/8	8	NA	Black Powder	Blank
12	XBP12	2 3/4	6	NA	Black Powder	Blank

Supreme Slugs

Supreme Shotgun Slugs

Hunting deer with shotgun slugs beyond 100 yards used to be a hit or miss proposition. Not anymore.

Winchester® Supreme® Platinum Tip™ and **Partition Gold®** sabot slugs were both designed for outstanding accuracy in fully rifled shotgun barrels. Platinum Tip slugs deliver massive energy deposit with their notched reverse taper jacket design. Partition Gold slugs travel up to 2,000 feet per second and are designed to achieve deeper penetration with outstanding projectile expansion. Both slugs feature Winchester's patented, four-petal sabots for higher velocities and flat-shooting trajectories.

When you have that 10-point monster buck in your sights at 138 yards, you will know that loading up with Platinum Tip or Partition Gold slugs was the smartest decision you made this deer season.

- Patented one-piece sabot
- Flat shooting
- High accuracy
- Platinum Tip–Massive energy deposit
- Partition Gold–Deep penetration and high weight retention

- FR—Fully Rifled
- RCT—Rifled Choke Tube

Gauge	Symbol	Slug Type	Length of Shell In.	Velocity fps @ 3 ft.	Slug Wt. (grs./oz.)	Barrel Type
Supreme® Platinum Tip™ Hollow Point Slugs						
12	SSPTH12	Sabot	2 3/4	1700	400	FR
20	SSPTH20	Sabot	2 3/4	1700	260	FR
Supreme® Partition Gold® Slugs						
12	SSP123	Sabot	3	2000	385	FR
12	SSP12	Sabot	2 3/4	1900	385	FR
20	SSP20	Sabot	2 3/4	1900	260	FR
Supreme® Hi-Impact BRI® Sabot Slugs						
12	SRSH123	Sabot	3	1550	1 oz.	RCT/FR
12	SRSH12	Sabot	2 3/4	1450	1 oz.	RCT/FR

Supreme Slug Ballistics

Symbol	Slug Type	Velocity in fps–Yards Muzzle	50	100	125	Energy in ft.-lbs.–Yards Muzzle	50	100	125	Trajectory height in inches–Yards 25	50	75	100	125	150	175
SSP123	Partition Gold	2000	1831	1673	1598	3419	2867	2392	2182	0.4	1.8	2.5	2.4	1.6	0	-2.6
SSP12	Partition Gold	1900	1737	1585	1514	3086	2579	2148	1959	0.7	2.1	2.8	2.8	1.9	0	-2.9
SSPTH12	Platinum Tip	1700	1554	1420	1359	2566	2144	1791	1640	0.2	1.1	1.0	0	-2.1	-5.4	–
SRSH123	BRI	1550	1258	1066	1004	2400	1581	1136	1007	0.8	2.0	1.8	0	-3.7	–	–
SRSH12	BRI	1450	1187	1026	972	2100	1407	1051	944	1.1	2.3	2.1	0	-4.1	–	–
SSP20	Partition Gold	1900	1721	1555	1478	2084	1709	1395	1260	0.9	2.2	2.9	2.9	1.9	0	-3.0
SSPTH20	Platinum Tip	1700	1526	1388	1321	1668	1362	1112	1008	0.2	1.1	1.1	0	-2.2	-5.6	–

Super-X Slugs

Super-X Shotgun Slugs

For excellent performance and moderate recoil in rifled barrel or rifled choke tube shotguns, load up with **Winchester® Super-X® BRI®** sabot slugs.

For decades, nothing has performed better in shotguns with smooth bores than Super-X slugs.

New this year, Winchester has introduced another innovation in rifled slug design and performance–**Power-Point®** rifled slugs. Featuring a new hollow point and full-body rifling configuration, the 1 ounce Power-Point Rifled Slug delivers a flatter trajectory and game-stopping impact performance at 1700 feet per second–100 feet per second faster than our traditional Foster-type rifled slug offerings.

- ☐ Highest in class 1700 fps velocity
- ☐ Newest design 1 oz. slug
- ☐ Flatter shooting
- ☐ Harder hitting

- ☐ SB—Smooth Bore
- ☐ RCT—Rifled Choke Tube
- ☐ FR—Fully Rifled

	Gauge	Symbol	Slug Type	Length of Shell In.	Velocity fps @ 3 ft.	Slug Wt. (grs./oz.)	Barrel Type
	Super-X® BRI® Sabot Slugs						
	12	XRS123	Sabot	3	1400	1 oz.	RCT/FR
	12	XRS12	Sabot	2 3/4	1350	1 oz.	RCT/FR
	20	XRS20	Sabot	2 3/4	1400	5/8 oz.	RCT/FR
	Super-X® Power-Point® Rifled Slugs						
NEW	12	X12RSPP	Rifled H. P.	2 3/4	1700	1 oz.	SB
	Super-X® Rifled Slugs						
	12	X123RS15	Rifled Slug	3	1760	1 oz.	SB
	12	X12RS15	Rifled H. P.	2 3/4	1600	1 oz.	SB
	16	X16RS5	Rifled H. P.	2 3/4	1600	4/5 oz.	SB
	20	X20RSM5	Rifled H. P.	2 3/4	1600	3/4 oz.	SB
	410	X41RS5	Rifled H. P.	2 1/2	1830	1/5 oz.	SB
NEW	410	X413RS5	Rifled H. P.	3	1800	1/4 oz.	SB

Super-X Slug Ballistics

	Symbol	Slug Type	Velocity in fps–Yards Muzzle	50	100	125	Energy in ft.-lbs.–Yards Muzzle	50	100	125	Trajectory height in inches–Yards 25	50	75	100	125	150	175
	XRS123	Sabot	1400	1153	1007	957	1958	1329	1012	914	1.2	2.5	2.2	0	-4.3	–	–
	XRS12	Sabot	1350	1121	988	941	1821	1256	975	885	1.3	2.7	2.3	0	-4.6	–	–
	XRS20	Sabot	1400	1143	995	944	1162	774	586	529	1.2	2.6	2.3	0	-4.5	–	–
NEW	X12RSPP	Rifled	1700	1222	980	911	2810	1453	933	807	0.3	0	-1.7	-5.4	-11.2	–	–
	X123RS15	Rifled	1760	1310	1040	965	3010	1667	1052	904	0.2	0	-1.5	-4.6	-9.7	–	–
	X12RS15	Rifled	1600	1161	953	889	2488	1310	882	768	0.4	0	-1.9	-5.9	-12.1	–	–
	X16RS5	Rifled	1600	1158	950	887	1962	1028	692	602	0.4	0	-2.0	-5.9	-12.1	–	–
	X20RSM5	Rifled	1600	1160	952	889	1865	981	660	575	0.3	0	-2.0	-5.9	-12.1	–	–
	X41RS5	Rifled	1830	1318	1025	946	651	338	204	174	0.3	0	-1.9	-5.8	-12.0	–	–
NEW	X413RS5	Rifled	1800	1288	998	919	788	403	234	205	0.3	0	-1.9	-5.8	-11.0	–	–

Buckshot

Supreme & Super-X Buckshot

Want that extra edge in the Whitetail woods? Then load up with new **Supreme® Hi-Velocity** buckshot loads. These magnum, high velocity loads deliver 00-buckshot pellets at a smoking 1450 feet per second. Available in 3-1/2", 3" and 2-3/4" length shotshells with 15, 12 & 9 pellet loads.

For maximum, long range buckshot performance, **Supreme Double-X® Magnum** buffered, copperplated buckshot loads are designed to bring the game home.

And smooth bore shotgun hunters can rely on more than 100 years of Winchester shotshell manufacturing excellence to deliver a buck stopping load of Super-X® buffered unplated buckshot.

- ☐ Sizzling 1450 fps high velocity
- ☐ Tight, flat shooting long range pattern
- ☐ Copper plated hard shot
- ☐ Highest performance Winchester Buck Shot loads

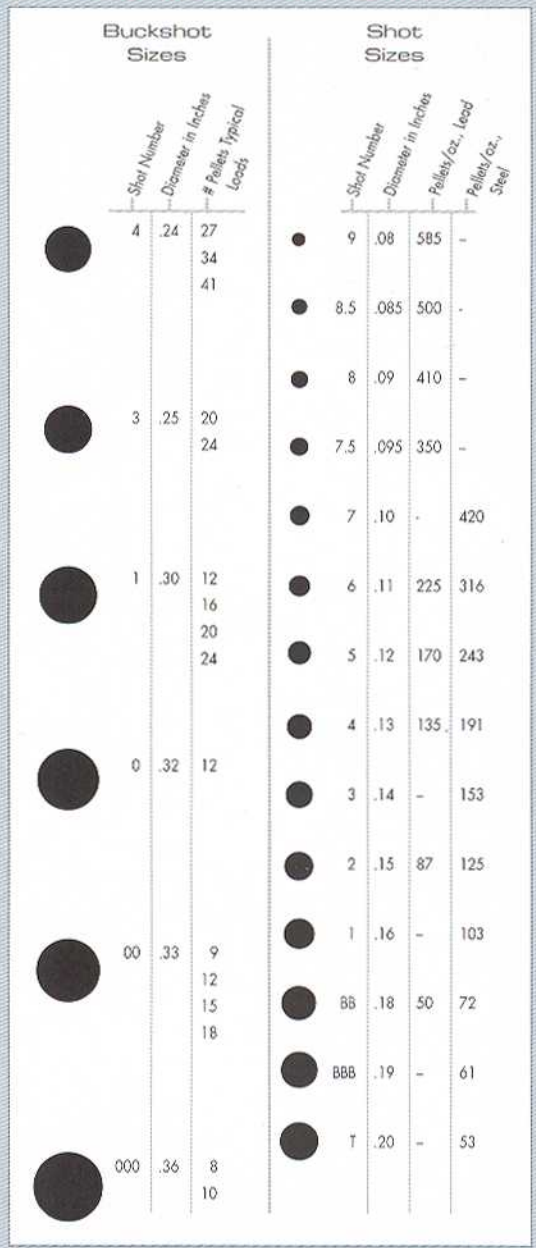
	Gauge	Symbol	Standard Shot Sizes	Length of Shell In.	Velocity fps @ 3 ft.	Total Pellets
	Supreme® High Velocity Buckshot Loads—Copperplated, Buffered Shot					
NEW	12	SB12L00	00 Buck	3 1/2	1450	15
NEW	12	SB12300	00 Buck	3	1450	12
NEW	12	SB1200	00 Buck	2 3/4	1450	9
	Supreme® Double X® Magnum Buckshot Loads—Copperplated, Buffered Shot					
	10	X10C00B	00 Buck	3 1/2	1150	18
	12	X123C000B	000 Buck	3	1225	10
	12	X12XC3B5	00 Buck	3	1210	15
	12	X12XC0B5	00 Buck	2 3/4	1295	12
	12	X12C1B	1 Buck	2 3/4	1075	20
	12	X12XCMB5	4 Buck	3	1210	41
	20	X203C3B	3 Buck	3	1150	24

Super-X® Buckshot Loads with Buffered Shot					
10	XB104	4 Buck	3 1/2	1100	54
12	XB12L4	4 Buck	3 1/2 Magnum	1150	54
12	XB12L00	00 Buck	3 1/2 Magnum	1200	18
12	XB1231	1 Buck	3 Magnum	1040	24
12	XB12300	00 Buck	3 Magnum	1210	15
12	XB12000	000 Buck	2 3/4	1325	8
12	XB120012	00 Buck	2 3/4 Magnum	1290	12
12	XB1200LR	00 Buck	2 3/4 Magnum	1125	9
12	XB1200	00 Buck	2 3/4	1325	9
12	XB120	0 Buck	2 3/4	1275	12
12	XB121	1 Buck	2 3/4	1250	16
12	XB124	4 Buck	2 3/4	1325	27
16	XB161	1 Buck	2 3/4	1225	12
20	XB203	3 Buck	2 3/4	1200	20
Super-X® Buckshot Loads					
410	XB41000	000 Buck	2 1/2	1300	3
410	XB413	000 Buck	3	1135	5

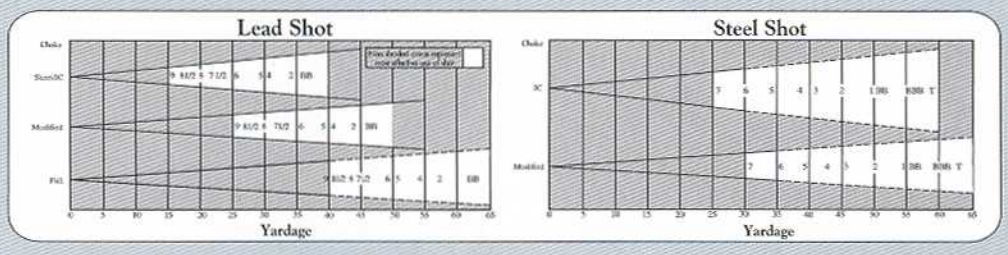
Shotshell Game Guide

	Brand	Shot Size	Choke	Gauge
Geese	STEEL: Super-X® Drylok Super Steel®	T, BBB, BB, 1, 2	Mod., Imp. Mod.	10, 12
	Drylok Hi-Velocity®	BB, 2, 3	Mod., Imp. Mod.	12
	Supreme® High Vel. Steel	BB, BBB	Mod., Imp. Mod.	10, 12
	Xpert® Steel	BB	Mod., Imp. Mod.	12
	Xpert® Hi-Velocity	BB	Mod., Imp. Mod.	12
Ducks	STEEL: Super-X® Drylok Super Steel®	1, 2, 3, 4, 6	Imp. Cyl., Mod., Imp. Mod.	10, 12, 20
	Drylok Hi-Velocity®	2, 3	Imp. Cyl., Mod., Imp. Mod.	12
	Supreme® High Vel. Steel	2, 3, 4	Imp. Cyl., Mod., Imp. Mod.	10, 12
	Xpert® Steel Waterfowl	2, 4	Imp. Cyl., Mod., Imp. Mod.	12, 20
	Xpert® Hi-Velocity	2, 3, 4	Imp. Cyl., Mod., Imp. Mod.	12
Turkey	LEAD: Super-X®	4, 5, 6	Full	12, 16, 20
	Double X®	4, 5, 6	Full	10, 12, 20
	Supreme® High Velocity	4, 5, 6	Full	10, 12
Pheasant	LEAD: Super-X®	4, 5, 6, 7.5	Imp. Cyl., Mod., Imp. Mod.	12, 16, 20
	Double X®	4, 6	Imp. Cyl., Mod., Imp. Mod.	12, 20
	Supreme® High Velocity	4, 6, 7.5	Imp. Cyl., Mod., Imp. Mod.	12, 20
	AA® Super Pigeon®	7.5	Full, Imp. Mod., Mod.	12
	Super-Pheasant	4, 5, 6	Imp. Cyl., Mod., Imp. Mod.	12, 20
	STEEL: Super-X® Drylok Super Steel®	4, 6, 7	Mod., Imp. Mod.	12, 20
	Xpert® Heavy Upland	4, 6	Imp. Cyl. Mod.	12, 20
Grouse/Partridge	LEAD: Super-X®	5, 6, 7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
	AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
	Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
	Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
Woodcock/Snipe/Rail	LEAD: Super-X®	6, 7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
	Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
	AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
	Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
	STEEL: Super-X® Drylok Super Steel®	4, 6	Imp. Cyl., Mod.	12, 20
	Xpert® Upland Game	6, 7	Imp. Cyl., Mod.	12, 20
Quail	LEAD: Super-X®	7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
	AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
	Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
	Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
Dove	LEAD: Super-X®	7.5, 8	Imp. Cyl., Mod., Imp. Mod.	12, 16, 20, 28
	AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
	Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
	Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
	STEEL: Super-X® Drylok Super Steel®	6	Imp. Cyl., Mod., Imp. Mod.	12, 20
	Xpert® Upland Game	6, 7	Imp. Cyl., Mod.	12, 20
Rabbit	LEAD: Super-X®	4, 5, 6, 7.5	Imp. Cyl., Mod.	12, 16, 20, 28, 410
Squirrel	LEAD: Super-X®	4, 5, 6	Mod., Imp. Mod., Full	12, 16, 20, 28, 410

Standard Shot Sizes

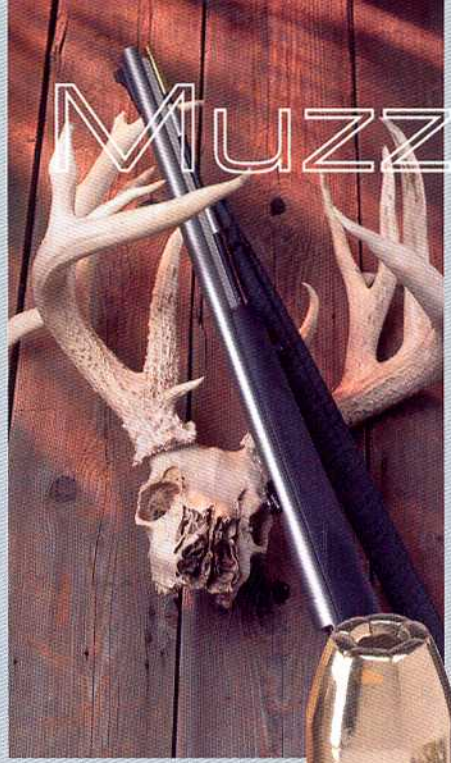


Pattern/Pellet Density & Energy Guide



Look up distance to your game for recommended pellet. Pellets appropriate for longer distances may also be used at shorter range. Use of pellets at distances surpassing their listing is not recommended.

Muzzleloading



Muzzleloading Components

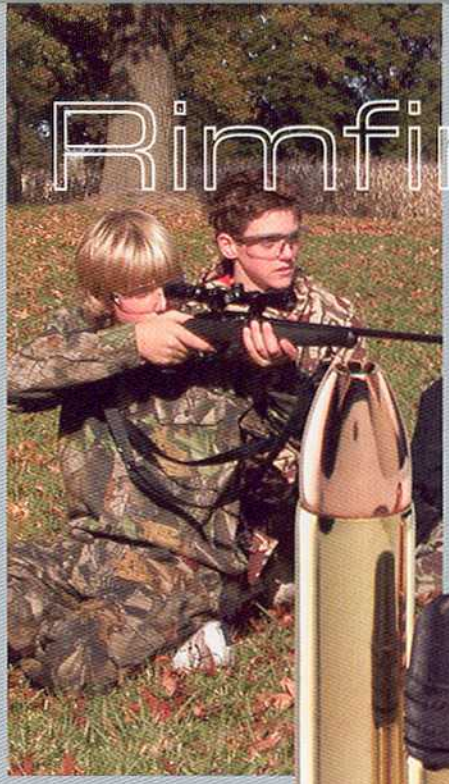
Bring home the game this muzzleloading deer season by loading up with high performance **Winchester® Supreme® Platinum Tip™** and **Partition Gold®** hunting bullets & sabots and **Winchester** muzzleloading primers.

The Supreme Platinum Tip hollow point bullet is a benchmark in muzzleloading bullet design and performance—delivering superior accuracy, uniform expansion and massive energy deposit.

- ☐ High accuracy sabot design
- ☐ Ideal straightline ignition primer
- ☐ Partition Gold–deep penetrating & high weight retention
- ☐ Platinum Tip–Massive energy deposit

Sabot Caliber	FFG or Equiv. Charge Wt.	Symbol	Bullet Wt. Grs.	Bullet Type	Quantity/ Carton	Velocity (fps) Muzzle	50	75	100	125	Energy in Foot Pounds (ft-lbs.) Muzzle	50	75	100	125	Trajectory Height in Inches 25	50	75	100	125	150	175
Supreme® Hunting Bullets & Sabots																						
.50	90 gr.	WML260P	260 gr.	Partition Gold	10	1650	1490	1417	1348	1284	1571	1282	1159	1049	952	0.3	1.2	1.1	0	-2.3	-6.0	
.50	90 gr.	WML260PTH	260 gr.	Platinum Tip	30	1650	1490	1417	1348	1284	1571	1282	1159	1049	952	0.3	1.2	1.1	0	-2.3	-6.0	
.54	120 gr.	WML54PTH	400 gr.	Platinum Tip	30	1700	1554	1485	1420	1359	2566	2144	1959	1791	1640	0.2	1.1	1.0	0	-2.1	-5.4	
Winchester Muzzleloading Primers																						
-	-	WML209	-	-	100																	

Rimfire



Rimfire Ammunition

No matter what rimfire cartridge you choose, when you load up with **Winchester®**, you're getting precision technology, highest-quality components, optimum reliability and superior performance. The first choice in rimfire ammunition by hunters and shooters worldwide. Pick up a few boxes today.

If you like to shoot 22 Magnum Rimfire, then load up with **Winchester Magnum Dynapoint®**. This value-priced 22 Magnum features a plated, heavy 45 grain Dynapoint bullet that delivers good accuracy and upset performance at 1,550 feet per second!

- Advanced Power-Point, DynaPoint, and JHP bullet design
- Clean burning custom blended propellant
- Reliable all weather ignition

Cartridge	Bullet Type	Symbol	Bullet Wt.	Rounds per box	Rifle					Handgun		
					Velocity		Energy		Mid Range Traj. (100 yards)	Barrel Length (inches)	Muzzle Vel. (fps)	Muzzle Energy (ft-lbs.)
					Muzzle	100 yds.	Muzzle	100 yds.				
22 Win. Mag Supreme	JHP	S22WM	34	50	2120	1435	338	155	1.4	-	-	-
22 Win. Mag	JHP	X22MH	40	50	1910	1326	324	156	1.7	6.5	1480	195
22 Win. Mag	FMJ	X22M	40	50	1910	1326	324	156	1.7	6.5	1480	195
22 Win. Mag Dynapoint	DP	USA22M	45	50	1550	1147	240	131	2.6	-	-	-
22 WRF	LFN*	22WRF	45	50	1300	1023	169	105	3.2	-	-	-
22 Power-Point	PP*	X22LRPP	40	50	1280	1001	146	89	3.5	6	1085	105
22 Long Rifle	LRN*	X22LR	40	50	1255	1017	140	92	3.6	6	1060	100
22 Long Rifle	LHP*	X22LRH	37	50	1280	1015	135	85	3.5	-	-	-
T22® Long Rifle	LRN-SV	XT22LR	40	50	1150	976	117	85	4	6	950	80
22 Wildcat®	LRN	WW22LR	40	50	1255	1017	140	92	3.6	6	1060	100
22 Long Rifle	LHP	XPERT22	36	500	1220	956	122	75	4	6	925	68
22 Long Rifle	#12 Shot	X22LRS	-	50	-	-	-	-	-	-	-	-
22 Short	Blank	X22SB	Blk. Pwd.	50	-	-	-	-	-	-	-	-
22 Short	LRN*	X22S	29	50	1095	903	77	52	4.5	6	1010	66

Abbreviations

LFN–Lead Flat Nose
DP–Dynapoint
* Lubaloy® Coated
LHP–Lead Hollow Point
FMJ–Full Metal Jacket
JHP–Jacketed Hollow Point
Blk. Pwd.–Black Powder
LRN–Lead Round Nose
SV–Standard Velocity
PP–Power Point

Components

Winchester Components

To End Up With The Best, Start With The Best.

To manufacture the world's finest ammunition, you need the world's finest components. To most metallic cartridge and shotshell reloaders, that means **Winchester®** ammunition components.

That's because reloaders know Winchester understands the demands of shooters and hunters wanting to develop the "perfect load." You can rest–and reload–assured that every Winchester ammunition component—from brass, powder and primers, to bullets, wads and shot—is made to meet and exceed the most demanding requirements and performance standards in the world: Yours.

Handgun Bullets

Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol	Quantity /Bag
Consumer Pack Metallic Components (Plastic Bag)					
380	.356	95 gr.	FMJ	WB380MC95	100
38	.356	130 gr.	FMJ	WB38MC130	100
9mm	.355	115 gr.	STHP	WB9ST115	100
9mm	.355	115 gr.	FMJ-Flat Base	WB9FB115	100
9mm	.355	115 gr.	FMJ-Hollow Base	WB9MC115	100
9mm	.355	115 gr.	JHP-Notched	WB9JHP115	100
9mm	.355	147 gr.	STHP	WB9ST147	100
9mm	.355	147 gr.	JHP-Notched	WB9JHP147	100
9mm	.355	124 gr.	FMJ-Flat Base	WB9MC124	100
38/357	.357	110 gr.	JHP-Notched	WB38JHP110	100
38/357	.357	125 gr.	JHP-Notched	WB38JHP125	100
38/357	.357	145 gr.	STHP	WB357ST145	100
38/357	.357	158 gr.	JHP-Notched	WB357HP158	100
40/10mm	.400	155 gr.	STHP	WB40ST155	100
40/10mm	.400	165 gr.	Truncated Cone	WB40TC165	100
40/10mm	.400	175 gr.	STHP	WB40ST175	100
40/10mm	.400	180 gr.	Truncated Cone	WB40TC180	100
40/10mm	.400	180 gr.	JHP-Notched	WB40JHP180	100
44	.430	210 gr.	STHP	WB44ST210	100
44	.430	240 gr.	HSP-Notched	WB44HSP240	100
45	.451	230 gr.	FMJ	WB45MC230	100
45	.451	230 gr.	JHP-Notched	WB45JHP230	100

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

Rifle Bullets

Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol	Quantity /Bag
Consumer Pack Metallic Components (Plastic Bag)					
22	.224	46 gr.	HP	WB22HP46	100
22	.224	50 gr.	PSP	WB222PSP50	100
22	.224	55 gr.	FMJBT	WB556MC55	100
22	.224	55 gr.	PSP	WB223PSP55	100
22	.224	64 gr.	PP	WB223PP64	100
243	.243	80 gr.	PSP	WB243PSP80	100
270	.277	130 gr.	PP	WB270PP130	100
7mm	.284	150 gr.	PP	WB7PP150	100
7.62	.310	123 gr.	PP	WB762PP123	100
30	.308	147 gr.	FMJBT	WB762MC147	100
30	.308	150 gr.	PP	WB30PP150	100
30 (30-30)	.308	150 gr.	PPFN	WB30FN150	100
30 (308)	.308	180 gr.	PP	WB308SP180	100
44 (44-40)	.426	200 gr.	SP	WB44SP200	100

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

Shotshell Wads

Symbol	Gauge	Optimum	Description Shot Wt.	Color
WAA12L	12	7/8 oz.	For 7/8 to 1 ounce loads.	Gray
WAA12	12	1-1/8 oz.	For 1 to 1-5/8 ounce loads.	White
WAA12R	12	1-1/2 oz.	For 1-1/8 to 1-7/8 ounce loads.	Red
WAA12F114	12	1-1/4 oz.	For 1-1/4 ounce loads.	Yellow
WAA12SL	12	1 oz. & 1-1/8 oz.	For 1 to 1-1/8 ounce loads but can be used anywhere 1 ounce F1wad was recommended.	Pink
WT12	12	1-1/8 oz.	For 1 to 1-5/8 oz. loads.	Orange
WAA20	20	7/8 oz.	For 7/8 to 1-1/4 ounce loads.	White
WAA28	28	3/4 oz.	Used in most 28 gauge loads.	Pink
WAA28HS	28	3/4 oz.	Used in new HS Hull Only	Red
WAA41	.410	1/2 oz.	Used in field and target loads in 2-1/2 or 3" cases.	White
WAA410HS	.410	1/2 oz.	Used in new HS Hull Only	Red

Unprimed Handgun Shellcases

Cartridge	Symbol	Quantity/Bag
Consumer Pack Metallic Components (Plastic Bag)		
380 Automatic	WSC380AU	100
30 Luger	WSC30LU	100
32 Smith & Wesson	WSC32SWU	100
32 Short Colt	WSC32SCU	100
38 Special	WSC38SU	100
9mm Luger	WSC9U	100
38 Super Auto +P	WSC38AS+U	100
9x23mm	WSC923WU	100
357 Sig	WSC357SIGU	100
357 Magnum	WSC357MU	100
40 Smith & Wesson	WSC40SWU	100
10mm Auto	WSC10MMU	100
41 Rem. Mag.	WSC41RMU	100
44 Smith & Wesson	WSC44SWU	100
44 Rem. Mag.	WSC44MU	100
45 Automatic	WSC45AU	100
45 G.A.P.	WSC45GU	100
45 Colt	WSC45COLTU	100
454Casull	WSC454CU	100
NEW 500 Smith & Wesson	WSC500SWU	50

Propellants

Symbol	Type	Unit
231		
W2311BP	Handgun	1 lb.
W2314BP	Handgun	4 lbs.
W2318BP	Handgun	8 lbs.
296		
W2961BP	Mag. Handgun & .410 Shotshell	1 lb.
W2964BP	Mag. Handgun & .410 Shotshell	4 lbs.
W2968BP	Mag. Handgun & .410 Shotshell	8 lbs.
Super-Target®		
WST1BP	Shotshell & Handgun	1 lb.
WST4BP	Shotshell & Handgun	4 lbs.
WST8BP	Shotshell & Handgun	8 lbs.
Super-Field®		
WSF1BP	Shotshell & Handgun	1 lb.
WSF4BP	Shotshell & Handgun	4 lbs.
WSF8BP	Shotshell & Handgun	8 lbs.
748		
W7481BP	Rifle	1lb.
W7488P	Rifle	8lbs.
760		
W7601BP	Rifle	1 lb.
W7608BP	Rifle	8 lbs.
WXR		
WXR1BP	Rifle Extruded	1 lb.
WXR8BP	Rifle Extruded	8 lbs.

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

Unprimed Rifle Shellcases

Cartridge	Symbol	Quantity/Bag
Consumer Pack Metallic Components (Plastic Bag)		
NEW 204 Ruger	WSC204RU	100
218 Bee	WSC218BU	100
22 Hornet	WSC22HU	100
22-250 Rem.	WSC22250U	100
220 Swift	WSC220SU	100
222 Rem.	WSC222RU	100
223 Rem.	WSC223RU	100
223 WSSM	WSC223WSSU	50
225 Win.	WSC225WU	50
243 Win.	WSC243WU	50
243 WSSM	WSC243WSSU	50
6mm Rem.	WSC6MMRU	50
25 WSSM	WSC25WSSU	50
25-06 Rem.	WSC2506RU	50
25-20 Win.	WSC2520U	50
25-35 Win.	WSC2535WU	50
250 Savage	WSC250SU	50
257 Roberts +P	WSC257PU	50
264 Win. Mag.	WSC264WMU	50
6.5x55 Swedish	WSC6555SU	50
270 Win.	WSC270WU	50
270 WSM	WSC270WSMU	50
280 Rem.	WSC280RU	50
284 Win.	WSC284WU	50
7mm-08 Rem.	WSC708RU	50
7mm Mauser	WSC7MMAU	50
7mm Rem. Mag.	WSC7MMRU	50
7mm STW	WSC7STWU	50
7mm WSM	WSC7MMWSMU	50
30 Carbine	WSC30CU	100
30-30 Win.	WSC3030WU	50
30-06 Springfield	WSC3006SFU	50
30-40 Krag	WSC3040KU	50
300 WSM	WSC300WSMU	50
300 Win. Mag.	WSC300WMU	50
300 Savage	WSC300SU	50
300 H&H Mag.	WSC300HHU	50
303 British	WSC303BU	50
307 Win.	WSC307U	50
308 Win.	WSC308WU	50
32 Win. Special	WSC32WSU	50
32-40 Win.	WSC3240WU	50
7.62x39mm	WSC762X39U	50
32-20 Win.	WSC3220U	50
8mm Mauser	WSC8MMAU	50
NEW 325 WSM	WSC325WSMU	50
338 Win. Mag.	WSC338WMU	50
348 Win.	WSC348WMU	50
35 Rem.	WSC35REMU	50
356 Win.	WSC356U	50
358 Win.	WSC358U	50
375 Win.	WSC375WU	50
375 H&H Mag.	WSC375HHU	50
38-40 Win.	WSC3840U	50
38-55 Win.	WSC3855WU	50
44-40 Win.	WSC4440WU	50
45-70 Goverment	WSC4570GU	50
458 Win. Mag.	WSC458WMU	50

Primers

Symbol	Primer	Types
W209	#209	Shotgun Shells
WLR	#8-1/2 - 120	Large Rifle
WLRM	#8-1/2M - 120	Large Rifle Magnum
WSR	#6-1/2 - 116	Small Rifle
WSP	#1-1/2 - 108	Small Regular Pistol
WLP	#7 - 111	Large Regular Pistol
WSPM	#1-1/2M - 108	Small Magnum Pistol
WML209	#209	Muzzleloader Primer

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